

SAP CO-Product Costing & Material Ledger



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Topics

- 1) Costing methods and techniques-----2
- 2) Costing Sheet-----4
- 3) Mapping costing methods and techniques----6
- 4) Mapping cost elements into SAP-----7
- 5) Product Cost by order with PP module implementation-----8
- 6) Product Cost by order without PP module implementation-----29
- 7) Product Cost by period without reporting points consideration-----45
- 8) Product Cost by period with reporting points consideration-----61
- 9) Product Cost by period –Decoupling scenario-----85
- 10) Product Cost by Sales order without sales order controlling and Vaulted stock
- 11) Product Cost by Sales order with sales order controlling and Vaulted stock---122
- 12) Product Cost by Sales order with sales order controlling and Non Vaulted stock
- 13) Joint production-By-Product Costing-----164
- 14) Joint Production-Co-Product Costing-----179
- 15) Split Valuation-Multiple Procurements for RAW Materials----198
- 16) Split Valuation-Purchasing& Manufacturing Process for SFG Materials----218
- 17) Mixed Costing- Multiple Manufacturing Process for FG Materials - without
Split Valuation---234
- 18) Mixed Costing-Multiple Manufacturing Process for FG Materials - with Split
Valuation-----252
- 19) Cross plants Costing-Special Procurement Costing process----267
- 20) Additive Costing-----274
- 21) Variance Categories----284

Costing Methods and Techniques:-

Introduction: - It is necessary to understand the difference between the costing methods and techniques.

Costing methods are those which help a firm to compute the cost of production or services offered by it. On the other hand, costing techniques are those which help a firm to present the data in a particular manner so as to facilitate the decision making as well as cost control and cost reduction.

Costing methods and techniques are explained below.

Methods of Costing: - The following are the methods of costing.

1). Batch Costing: - This method of costing is used in those firms where production is made on continuous basis. Each unit coming out is uniform in all respects and production is made prior to the demand, i.e. in anticipation of demand. One batch of production consists of the units produced from the time machinery is set to the time when it will be shut down for maintenance. For example, if production commences on 1st January 2007 and the machine is shut down for maintenance on 1st April 2007, the number of units produced in this period will be the size of one batch. The total cost incurred during this period will be divided by the number of units produced and unit cost will be worked out. Firms producing consumer goods like television, air-conditioners, washing machines etc use batch costing.

2). Process Costing: - Some of the products like sugar, chemicals etc involve continuous production process and hence process costing method is used to work out the cost of production. The meaning of continuous process is that the input introduced in the process I travels through continuous process before finished product is produced. The output of process I becomes input of process II and the output of process II becomes input of the process III. If there is no additional process, the output of process III will be the finished product. In process costing, cost per process is worked out and per unit cost is worked out by dividing the total cost by the number of units. Industries like sugar, edible oil, chemicals are examples of continuous production process and use process costing.

3). Job Costing: - This method is also called as job costing. This costing method is used in firms which work on the basis of job work. There are some manufacturing units which undertake job work and are called as job order units. The main feature of these organizations is that they produce according to the requirements and specifications of the consumers. Each job may be different from the other one. Production is only on specific order and there is no pre demand production. Because of this situation, it is necessary to compute the cost of each job and hence job costing system is used. In this system, each job is treated separately and a job cost sheet is prepared to find out the cost of the job.

The job cost sheet helps to compute the cost of the job in a phased manner and finally arrives the total cost of production.

Technique of Costing: - As mentioned above, costing methods are for computation of the total cost of production/services offered by a firm. On the other hand, costing technique help to present the data in a particular format so that decision making becomes easy. Costing techniques also help for controlling and reducing the costs. The following are the techniques of costing.

1).Standard costing: - Standard costs are predetermined costs relating to material, labor and overheads.

Though they are predetermined, they are worked out on scientific basis by conducting technical analysis. They are computed for all elements of costs such as material, labor and overheads. The main objective of fixation of standard cost is to have benchmark against which the actual performance can be compared. This means that the actual costs are compared with the standards. The difference is called as 'variance'. If actual costs are more than the standard, the variance is 'adverse' while if actual costs are less than the standard, the variance is 'favorable'. The adverse variances are analyzed and reasons for the same are found out. Favorable variances may also be analyzed to find out the reasons behind the same.

Standard costing, thus is an important technique for cost control and reduction.

2).Marginal costing: - This technique is based on the assumption that the total cost of production can be divided into fixed and variable. Fixed costs remain same irrespective of the changes in the volume of production while the variable costs vary with the level of production, i.e. they will increase if the production increases and decrease if the production decreases. Variable cost per unit always remains the same. In this technique, only variable costs are taken into account while calculating production cost. Fixed costs are not absorbed in the production Units. They are written off to the Costing Profit and Loss Account. The reason behind this is that the fixed costs are period costs and hence should not be absorbed in the production. Secondly they are variable on per unit basis and hence there is no equitable basis for charging them to the products. This technique is effectively used for decision making in the areas like make or buy decisions, optimizing of product mix, key factor analysis, fixation of selling price, accepting or rejecting an export offer, and several other areas.

3).Actual costing: - In an actual costing system, no predetermined or estimated or standard costs are used. Instead, the actual direct labor and materials costs and the actual manufacturing overhead costs are allocated to the units produced. The cost of a unit is the actual direct cost rates multiplied by the actual quantities of the direct cost inputs used and the actual indirect (overhead) cost rates multiplied by the actual quantities used of the cost allocation bases. Actual costing is practical only for job order costing for the same reasons that normal and extended normal costing are practical only for job order costing. In addition, actual costing is seldom used because it can produce costs per unit that fluctuate significantly. This fluctuation can lead to errors in management decisions such as pricing of the product, decisions about adding or dropping product lines, and performance evaluations.

Cost Sheet

Cost Sheet is a statement of cost showing the total cost of production and profit or loss from particular product or service. A Cost Sheet shows the cost in a systematic manner and element wise.

Classification of Costs

1).Direct Material: Direct materials are the materials that are directly put into the finished product. The costs included in the direct material cost are all of the costs associated with acquiring it: the item itself, shipping-in, insurance and taxes, among others.

Examples of direct materials are Raw Materials, Packing Material and Processing Materials (SFG).

2).Direct Labor: Direct labor can be identified with a given unit of product, for example, when wages are paid according to the piece rate, wages per unit can be identified. Similarly wages paid to workers who are directly engaged in the production can also be identified and hence they are direct wages.

3).Direct Expense: Direct expenses refers to expenses that are specifically incurred and charged for specific or particular job, process, service, cost center or cost unit. These expenses are also called as chargeable expenses.

Examples of these expenses are cost of drawing, design and layout, royalties payable on use of patents, copyrights etc, consultation fees paid to architects, surveyors etc.

4).Indirect Material: Indirect materials are materials that are not the main components of the finished goods. Examples are glue, screws and nails and other materials that may not even be physically incorporated into the finished good (machine oils, lubricants, and miscellaneous supplies). Indirect materials are a manufacturing overhead cost.

5).Indirect Labor: Indirect labor is the labor that is part of the overall production process but does not come into direct contact with the product. The maintenance department is a common example. Indirect labor is a manufacturing overhead cost.

Examples: wages paid to workers like sweepers, gardeners, maintenance workers etc are indirect wages as they cannot be identified with the given unit of production.

6).Indirect Expenses: Indirect expenses cannot be traced to specific product, job, process, service or cost center or cost unit. Several examples of indirect expenses can be given like insurance, electricity, rent, salaries, advertising etc. also rework costs, electricity and other utilities, depreciation of plant equipment, and factory rent.

Cost Sheet

Particulars	Amount
A. Direct Materials Raw Materials, Packing materials,SFG if any procurement)	
B. Direct Labor/Wages	
C. Direct Expenses (P&M,Buliding for Rent,Royalties,Payable on use of patents etc.,	
I. Prime Cost (A + B + C)	
D. Factory Overheads- Indirect (Materials,Labour & Expenses)	
Loose Tools-Indirect Material	
Indirect wages- Indirect Labor	
Rent and Rates (Factory)- Indirect Expenses	
Lighting and heating (F)- Indirect Expenses	
Power and fuel- Indirect Expenses	
Repairs and Maintenance- Indirect Expenses	
Research and experiment- Indirect Expenses	
Depreciation – Plant (F)- Indirect Expenses	
Insurance – (F)- Indirect Expenses	
Work Manager's salary- Indirect Expenses	
II. Factory Cost/Works Cost /COGM(I + D)	

Mapping Costing Methods and Techniques into SAP

Functional	SAP
Methods of Costing	
Standard Costing	Product Costing
Marginal Costing	CO-PA
Actual Costing	Material Ledger
Technique of Costing	
Batch Costing	Product Cost By Order 1). Without PP module implementation 2). With PP module implementation
Process Costing	Product Cost By Period 3). Without Reporting Points Consideration 4). With Reporting Points Considerations 5).Decoupling Scenario
Job Costing	Product Cost By Sales Order 6). Without Sales Oder Controlling - Vaulted Stock 7).With Sales Order Controlling - Vaulted Stock 8).With Sales Order Controlling - Non Vaulted
Joint Production	9).By-Product Costing 10).Co-Product Costing
Mixed Costing Process	11).Multiple Procurements for RAW Materials 12).Purchasing& Manufacturing Process for SFG Materials 13).Multiple Manufacturing Process for FG Materials - without Split Valuation 14).Multiple Manufacturing Process for FG Materials - with Split Valuation
Cross Plant Costing	15).Special Procurement Costing process
Additives Costing	16).Additives Costing

Mapping Cost elements into SAP

Functional	SAP
E. Direct Materials Raw Materials, Packing materials,SFG if any procurement)	BOM
F. Direct Labor/Wages	Routing
G. Direct Expenses (Royalties, Payable on use of patents etc.,	Template Allocation
III. Prime Cost (E + F + G)	
H. Factory Overheads- Indirect (Materials,Labour & Expenses)	
Loose Tools-Indirect Material	Template Allocation
Indirect wages- Indirect Labor	Template Allocation
Lighting and heating (F)- Indirect Expenses	Routing
Power and fuel- Indirect Expenses	Routing
Repairs and Maintenance- Indirect Expenses	Routing/Template Allocation
Depreciation – Plant (F)- Indirect Expenses	Routing
Insurance – (F)- Indirect Expenses	Routing/Template Allocation
Research and Experiment- Indirect Expenses	Costing Sheet
Quality Control-Indirect Expenses	Costing Sheet
Work Manager's salary- Indirect Expenses	Template Allocation
IV. Factory Cost/Works Cost /COGM(III + H)	

Batch Management

Product Cost by Order

1). With PP module implementation

Product Costing Basic Configuration Settings

Define Cost Component Structure-OKTZ

Display View "Cost Components with Attributes": Overview

Dialog Structure

- Cost Component Structure
 - Cost Components with Attributes
 - Assignment: Cost Component - Cost Element Interval
 - Update of Additive Costs
 - Transfer Structure
 - Cost Component Views
 - Assignment: Organiz. Units - Cost Component Struct
 - Cost Component Groups

Cost Comp. Str.	Cost Co...	Name of Cost Comp.
81	10	Raw Material
81	20	Processing Material
81	30	Packing Material
81	40	Tools
81	50	Lubricants
81	60	Direct Labour
81	70	Indirect Labour
81	80	Factory Rent
81	90	Plant & Machine Rent
81	100	Royalties
81	110	Power
81	120	Fuel
81	130	Water

Position... Entry 1 of 17

Change View "Cost Components with Attributes": Overview

Cost Components with Attributes

View: V_CKH3
Client: 800

CComp. Str	CComp	Name of Cost Comp.
81	10	Raw Material
81	20	Processing Material
81	30	Packing Material
81	40	Tools
81	50	Lubricants
81	60	Direct Labour
81	70	Indirect Labour
81	80	Factory Rent
81	90	Plant & Machine Rent
81	100	Royalties
81	110	Power
81	120	Fuel
81	130	Water
81	140	Depreciation
81	150	Repairs & Maintenance
81	160	Quality Control Cost
81	170	Research & Dev Cost
81	180	By Product COGM

Here

1).Direct Materials: Raw Material, Processing Material, Packing Material

2).Direct Labor: Direct Labor

3).Direct Expenses: Factory Rent, Plant & Machine Rent, Royalties

4).Indirect Materials: Tools, Lubricants

5).Indirect Labor: Indirect Labor

6).Indirect Expenses: Power, Fuel, Water, Depreciation, and Repairs & Maintenance, Quality Control Cost, Research & Dev Cost

Note:

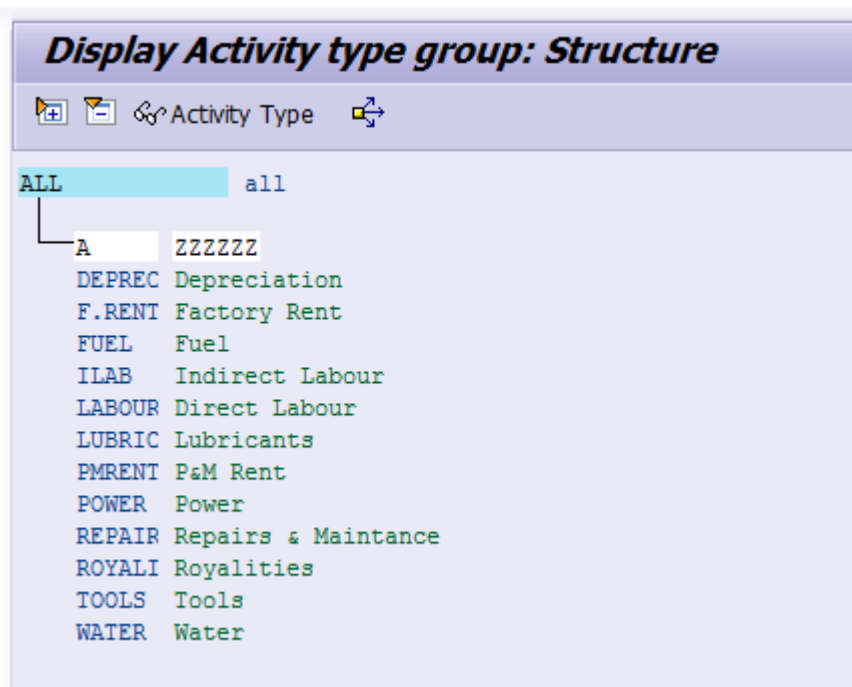
Direct Materials will be maintained in BOM,

Direct Labor and some of the indirect expenses (Utilities- Power, Fuel, Water, and Depreciation) will be in Routing.

Quality Control Cost, Research & Dev Cost through Costing Sheet and

Direct Expenses, Indirect Labor and Repairs & Maintenance through Template allocation.

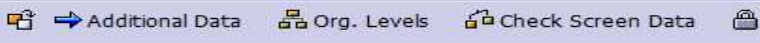
Activity types:



KP26-Activity Rate Planning

Display Activity Type/Price Planning: Overview Screen													
													
Version	0	Plan/Act - Version											
Period	6	To 6											
Fiscal Year	2016												
Cost Center	8100-FG3	8100-FG3											
Acti...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	1
DEPREC	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943011	1
F.RENT	0.0	1	0.0	1	HR	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943005	1
FUEL	0	1	0	1	KWH	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943009	1
ILAB	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943004	1
LABOUR	0.0	1	0.0	1	HR	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943003	1
LUBRIC	0	1	0	1	KG	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943002	1
PMRENT	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943006	1
POWER	0	1	0	1	KWH	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943008	1
REPAIR	0.0	1	0.0	1	HR	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943012	1
ROYALI	0	1	0	1	TO	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943007	1
TOOLS	0	1	0	1	KG	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943001	1
WATER	0	1	0	1	L	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943010	1

Creation of Material Master: This is Make to Stock Scenario

Create Material 8100-FG3 (Finished product)			
			
<div>MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...</div>			
Material	8100-FG3	8100-FG3	
Plant	8100	8100-MFG Plant	
<div>Forecast Requirements</div> <div> Period Indicator <input type="text" value="M"/> Fiscal Year Variant <input type="text"/> Splitting indicator <input type="text"/> </div>			
<div>Planning</div> <div> Strategy group <input type="text" value="10"/> Make-to-stock production </div> <div> Consumption mode <input type="text"/> Bwd consumption per. <input type="text"/> </div> <div> Fwd consumption per. <input type="text"/> Mixed MRP <input type="text"/> </div> <div> Planning material <input type="text"/> Planning plant <input type="text"/> </div> <div> Plng conv. factor <input type="text"/> Planning matl BUnit <input type="text"/> </div>			
<div>Availability check</div> <div> Availability check <input type="text" value="KP"/> Tot. repl. lead time <input type="text"/> days </div> <div> Cross-project <input type="text"/> </div>			
Plant-specific configuration			

In Material Master, maintained Batch management activation

Create Material 8100-FG3 (Finished product)

Additional Data Org. Levels Check Screen Data

Prod.resources/tools Plant data / stor. 1 Plant data / stor. 2 Wareh...

Material: 8100-FG3 8100-FG3

Plant: 8100 8100-MFG Plant

Stor. Loc.: 8100 8100-S.Location

General data

Base Unit of Measure: EA Each Unit of issue:

Storage Bin: Picking area:

Temp. conditions: Storage conditions:

Container reqmts: Haz. material number:

CC phys. inv. ind.: CC fixed: Number of GR slips:

Label type: Lab.form: Appr.batch rec. req.:

☒ Batch management OBManagmnt: OB Ref. Material:

Shelf life data

Max. Storage Period: Time unit:

Min. Rem. Shelf Life: Total shelf life:

Period Ind. for SLED: D Rounding rule SLED:

Storage percentage:

Costing Sheet Preparation:

Normally Research & Development, Quality Control cost will be on Conversion Cost (Production Cost). So these expenses will be through costing sheet as earlier said.

Change View "Costing sheet rows": Overview

New Entries Variable List Row Numbering

Procedure: 8100 8100 Costing Sheet Check List

Dialog Structure

- Costing sheets
 - Costing sheet rows
 - Base
 - Overhead rate
 - Credit

Costing sheet rows

Row	Base	Overhe...	Description	From	To Row	Credit
20	81-2		Conversion Costs			
30		81-3	Quality Control Cost	20	20	815
40		81-4	Research & Dev Cost	20	20	816
50			COGM	10	40	

Maintain Templates

Template allocation For Direct Expenses (Factory Rent, Plant & Machine Rent, Royalties), Indirect Labor and Repairs & Maintenance

Create template 001 / 8100-FG3

Hide editor

Template: 8100-FG3 8100-1 Production
 Environment: 001 Cost estimate/production orders

Template overview : change

Type	Description	Object	Unit	Plan qua...	Plan fix	Plan activati...	Actual quan...	Actual fix	Actual activ...	Actual all
Cost Center/Activity Type	PROD-1 / Tools	8100-FG3 / TOOLS	KG	2		ACTIVE	3		ACTIVE	
Cost Center/Activity Type	PROD-1 / Royalties	8100-FG3 / ROYALI	TO	1		ACTIVE	4		ACTIVE	
Cost Center/Activity Type	PROD-1 / Repairs & Mai...	8100-FG3 / REPAIR	HR	2		ACTIVE	5		ACTIVE	
Cost Center/Activity Type	PROD-1 / P&M Rent	8100-FG3 / PMRENT	HR	3		ACTIVE	6		ACTIVE	
Cost Center/Activity Type	PROD-1 / Lubricants	8100-FG3 / LUBRIC	KG	4		ACTIVE	3		ACTIVE	
Cost Center/Activity Type	PROD-1 / Indirect Labo...	8100-FG3 / ILAB	HR	3		ACTIVE	4		ACTIVE	
Cost Center/Activity Type	PROD-1 / Factory Rent	8100-FG3 / F.RENT	HR	5		ACTIVE	5		ACTIVE	

Assign Templates

Create Template allocation assign with Controlling area, Costing Sheet, OH key with Environment.

Change View "View for Template Determination": Overview

New Entries

COAr	CostSh	OH key	Environ.	Template	Name
8100	8100	8100	001	8100-FG3	8100-1 Production
8900	TEST	TEST	001	TEST	TEST-8900

Bill of Material for Direct Materials (Raw Materials and Packing Materials)

Create material BOM: General Item Overview

Subitems New Entries Header Validity

Material: 8100-FG3 8100-FG3
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	12.06.2016	31.12.9999	
0020	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	12.06.2016	31.12.9999	
0030	L					<input type="checkbox"/>	<input type="checkbox"/>			
0040	L					<input type="checkbox"/>	<input type="checkbox"/>			

Work Center creation-CS01

Create Work Center: Cost Center Assignment

HRMS Hierarchy Template

Plant: 8100 8100-MFG Plant
Work center: 8100-FG3 8100-FG3

Basic Data Default Values Capacities Scheduling Costing

Validity
Start date: 12.06.2016 End Date: 31.12.9999

Link to cost center/activity types
Controlling Area: 8100 8100-Company Code
Cost Center: 8100-FG3 8100-FG3

Activities Overview

Alt. activity descr.	Activity Unit	R...	Form...	Formula description	Inc. wages inc.
Machine Hr	HR	<input type="checkbox"/>	8881	Machine HR	<input type="checkbox"/>
Labor Hr	HR	<input type="checkbox"/>	8882	Labor HR	<input type="checkbox"/>
Power KWH	KWH	<input type="checkbox"/>	8883	Power KWH	<input type="checkbox"/>
Fuel kwh	KWH	<input type="checkbox"/>	8884	Fuel Kwh	<input type="checkbox"/>
Water L	L	<input type="checkbox"/>	8885	Water L	<input type="checkbox"/>

Routing Creation for Direct Labor and for Some of the Indirect Expenses (Depreciation, Power, Fuel and Water)

Create Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material: 8100-FG3 8100-FG3 Grp.Count1

Operation
Operation/Activity: 0010 Suboperation:
Work center / Plant: 8100-FG3 / 8100 8100-FG3
Control key: PP99 In-house prod. milestone with GR
Standard text key:
☐ Long text exists

Standard Values

Base Quantity: 1
Act./Operation UoM: EA
Break:

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10.0	HR	DEPREC	<input type="checkbox"/>
Labor Hr	4.0	HR	LABOUR	<input type="checkbox"/>
Power KWH	5	KWH	POWER	<input type="checkbox"/>
Fuel kwh	2	KWH	FUEL	<input type="checkbox"/>
Water L	1	L	WATER	<input type="checkbox"/>

Business Process:

Define Costing Variants and Valuation Variants for Standard Costing calculation

Change View "Costing Variants": Details

Costing Variant: PPC1 Standard Cost Est. (Mat.)

Control Qty Struct. Additive Costs Update Assignments Misc.

Costing Type: 01 Standard cost est. (mat.)

Valuation Variant: 001 Planned valuation - mat.

Date Control: PC01 Std cost est. - month

Qty Struct. Control: PC01 Std qty struct. determ.2

Transfer Control:

Reference Variant:

Change View "Valuation Variants (Organizational-Unit-Dependent)": Data

Valuation Variant: 001 Planned valuation - mat.

in plant: 8100

Material val. Internal acty Subcontracting Ext. Processing Overhead Misc.

Overhead on Finished and Semifinished Materials

Costing Sheet: 8100 8100 Costing Sheet

Overhead on Material Components

Costing Sheet: 8100 8100 Costing Sheet

Create Cost estimation with Quantity structure:-CK11N

Itemization wise

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG3 8100-FG3

Plant: 8100

Costing Structure: 8100-FG3

Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 8100-FG3 in plant 8100

ItemNo	Item Cat.	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG3 8100-FG3 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG3 8100-FG3 LABOUR	943003	60.00	60.00	INR	4.0	HR
3		8100-FG3 8100-FG3 POWER	943008	75.00	75.00	INR	5	KWH
4		8100-FG3 8100-FG3 FUEL	943009	40.00	40.00	INR	2	KWH
5		8100-FG3 8100-FG3 WATER	943010	20.00	20.00	INR	1	L
8		8100-FG3 TOOLS	943001	30.00	30.00	INR	2	KG
9		8100-FG3 ROYALI	943007	10.00	10.00	INR	1	TO
10		8100-FG3 REPAIR	943012	40.00	40.00	INR	2.0	HR
11		8100-FG3 PMRENT	943006	30.00	30.00	INR	3.0	HR
12		8100-FG3 LUBRIC	943002	80.00	80.00	INR	4	KG
13		8100-FG3 ILAB	943004	30.00	30.00	INR	3.0	HR
14		8100-FG3 F.RENT	943005	75.00	75.00	INR	5.0	HR
E				590.00	590.00	INR		
15	G	8100-FG3 941001	941001	59.00	59.00	INR		
16		8100-FG3 941002	941002	59.00	59.00	INR		
G				118.00	118.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				320.00	0.00	INR		
				1,028.00	708.00	INR		

Cost component Wise

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG3 8100-FG3
Plant: 8100

Costing Structure: 8100-FG3
8100-RM1
Costing 00-PACK

Costing Data Dates Qty Struct. Valuation History Costs

Cost Components for Material 8100-FG3 Plant 8100

CComp	Name of Cost Comp.	Σ Overall Σ	Fixed Σ	Variable Σ	Crcy
10	Raw Material	200.00		200.00	INR
20	Processing Material				INR
30	Packing Material	120.00		120.00	INR
40	Tools	30.00	30.00		INR
50	Lubricants	80.00	80.00		INR
60	Direct Labour	60.00	60.00		INR
70	Indirect Labour	30.00	30.00		INR
80	Factory Rent	75.00	75.00		INR
90	Plant & Machine Rent	30.00	30.00		INR
100	Royalties	10.00	10.00		INR
110	Power	75.00	75.00		INR
120	Fuel	40.00	40.00		INR
130	Water	20.00	20.00		INR
140	Depreciation	100.00	100.00		INR
150	Repairs & Maintance	40.00	40.00		INR
160	Quality Control Cost	59.00	59.00		INR
170	Research & Dev Cost	59.00	59.00		INR
		1,028.00	708.00	320.00	INR

Marking & Release-CK24

Price Update: Release Standard Price

Ex... Material: 8100-FG3 Plant: 8100 Valuation Type: Costin... Standard price: 1,028.00 Price Unit: 1 Currency: INR

Check in Material Master data-MM03 –Costing 2Tab

Display Material 8100-FG3 (Finished product)

Additional Data Org. Levels

Costing 1 Costing 2 Plant stock Stor. loc. stock WM Execution

Material: 8100-FG3 Plant: 8100 8100-FG3 8100-MFG Plant

Standard Cost Estimate

Cost Estimate	Future	Current	Previous
Period / Fiscal Year	0	6 2016	0
Planned price	0.00	1,028.00	0.00
Standard price		1,028.00	

Planned prices

Planned price 1	0.00	Planned price date 1	
Planned price 2	0.00	Planned price date 2	
Planned price 3	0.00	Planned price date 3	

Valuation Data

Valuation Class	81F1	Valuation Category	
VC: Sales order stk		Proj. stk val. class	
Price control	S	Current period	6 2016
Price Unit	1	Currency	INR
Moving price	0.00	Standard price	1,028.00

Product Cost by Order scenario**Check Costing Variants and Valuation Variants for Manufacturing Orders (PP)**

Change View "Costing Variants": Details

Costing Variant: PPP1 [Production Order - Plan]

Control Assignments Misc.

Costing Type: 06 Production order -planned

Valuation Variant: 006 Production order -planned

Change View "Valuation Variants (Organizational-Unit-Dependent)": Details

Valuation Variant: 006 [Production order -planned]

in plant: 8100

Material val. Internal acty Subcontracting Ext. Processing Overhead

Overhead on Finished and Semifinished Materials

Costing Sheet: 8100 8100 Costing Sheet

Change View "Costing Variants": Details

Costing Variant: PPP2 [Production Order - Actual]

Control Assignments Misc.

Costing Type: 07 Production order - actual

Valuation Variant: 007 Production order - actual

Change View "Valuation Variants (Organizational-Unit-Dependent)": Data

Valuation Variant 007 Production order - actual
in plant 8100

Material val. Internal acty Subcontracting Ext. Processing Overhead

Overhead on Finished and Semifinished Materials
Costing Sheet 8100 8100 Costing Sheet

Define Goods Received Valuation for Order Delivery

Change View "Valuation variants for order costing": Overview

New Entries

Val...	V...	Name
7540	007	Production order - actual
7550	007	Production order - actual
7777	007	Production order - actual
8100	007	Production order - actual
8500	007	Production order - actual

Now we can do testing For Batch Management Process scenario through Product cost by Order with PP Module (Qty Structure) Implementation.

Production Order Creation

Production order Create: Header

Order 000000000001 Type PP01
Material 8100-FG3 Plant 8100
Status REL PRC BCRQ MANC SETC
User Status RLAL

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

Quantities

Total Qty 10 EA Scrap Portion 0.00 \$
Delivered 0 Short/Exc. Rcpt 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	12.06.2016	00:00	12.06.2016	00:00		
Start	12.06.2016	00:00	12.06.2016	00:00		00:00
Release			10.06.2016		12.06.2016	

Scheduling

Type 2 Backwards
Reduction No reduction carried out
Note No scheduling note

Floats

Sched. Margin Key 000
Float Bef. Prdn Workdays
Float After Prdn Workdays
Release Period Workdays

Order	60004054 8100-FG3						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100-FG3 8100-FG3						
Planned Quantity	10 EA Each						
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%) Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00	0.00	2,000.00-	100.00- INR
	8100/8100-PACK	8100-PACK		1,200.00	0.00	1,200.00-	100.00- INR
				3,200.00	0.00	3,200.00-	INR
Goods Issues							
Confirmations	8100-FG3/TOO...	8100-FG3 / Tools		30.00	0.00	30.00-	100.00- INR
	8100-FG3/LUBR...	8100-FG3 / Lubricants		80.00	0.00	80.00-	100.00- INR
	8100-FG3/LAB...	8100-FG3 / Direct Labour		600.00	0.00	600.00-	100.00- INR
	8100-FG3/ILAB	8100-FG3 / Indirect Labour		30.00	0.00	30.00-	100.00- INR
	8100-FG3/F.RE...	8100-FG3 / Factory Rent		75.00	0.00	75.00-	100.00- INR
	8100-FG3/PMR...	8100-FG3 / P&M Rent		30.00	0.00	30.00-	100.00- INR
	8100-FG3/ROY...	8100-FG3 / Royalties		10.00	0.00	10.00-	100.00- INR
	8100-FG3/POW...	8100-FG3 / Power		750.00	0.00	750.00-	100.00- INR
	8100-FG3/FUEL	8100-FG3 / Fuel		400.00	0.00	400.00-	100.00- INR
	8100-FG3/WAT...	8100-FG3 / Water		200.00	0.00	200.00-	100.00- INR
	8100-FG3/DEP...	8100-FG3 / Depreciation		1,000.00	0.00	1,000.00-	100.00- INR
	8100-FG3/REP...	8100-FG3 / Repairs & Maintance		40.00	0.00	40.00-	100.00- INR
Confirmations				3,245.00	0.00	3,245.00-	INR
Overhead	8100-FG3	8100-FG3		324.50	0.00	324.50-	100.00- INR
	8100-FG3	8100-FG3		324.50	0.00	324.50-	100.00- INR
Overhead				649.00	0.00	649.00-	INR
Goods Receipt	8100/8100-FG3	8100-FG3		10,280.00-	0.00	10,280.00	100.00- INR
Goods Receipt				10,280.00-	0.00	10,280.00	INR

CO11N-Production Order Confirmation with Input Materials (through back flush)

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: 123988
 Order: 60004054 Material: 8100-FG3 8100-FG3
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.:
 Work Center: 8100-FG3 Plant: 8100 8100-FG3

Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	100.0	HR	<input type="checkbox"/>
Labor Hr	45.0	HR	<input type="checkbox"/>
Power KWH	55	KWH	<input type="checkbox"/>
Fuel kwh	25	KWH	<input type="checkbox"/>
Water L	15	L	<input type="checkbox"/>

Input Materials taking through BOM

Enter Confirmation for Production Order: Goods Movements

Order: 60004054 Status: REL
 Material Number: 8100-FG3 8100-FG3
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 123988 Plant: 8100 Work center: 8100-FG3

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S..	Vendor	Cust
8100-RM1	25	EA	8100	8100			H	261			
8100-PACK	12	EA	8100	8100			H	261			

Goods Receipt: In Material master Batch management tick box maintained so system is trying to get one batch while GRN.

Goods Receipt for Order: New Items 0001

Order: 60004054 Movement Type: 101 Goods receipt
 Plant: 8100 8100-MFG Plant
 Material: 8100-FG3 8100-FG3
 Ordered: 10 EA
 Received: 0

Quantity in

Unit of Entry: 10 EA Stor. Location: 8100 Stock Type: ☐
 Batch:
 Date of Manuf.: SLED/BBD:

Further Information

☐ Deliv. Compl. No. of GR Slips: 1
 Unloading Point:
 Text:
 Company Code: 8100 Fiscal Year: 2016

Automatic batch number allocation

Caution! Internal number allocation for materials handled in batches

Yes No Cancel

Stock Overview: Basic List

Selection

Material 8100-FG3
 Material Type FERT Finished product
 Unit of Measure Base Unit of Measure EA

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order S
Full	10.000				
8100 8100-Company Code	10.000				
8100 8100-MFG Plant	10.000				
8100 8100-S.Location	10.000				
0000000470	10.000				

Here 0000000470 is Batch

Template Allocation execution-CPTA for Actual Indirect Expenses which earlier discussed.

Actual Template Allocation: Order

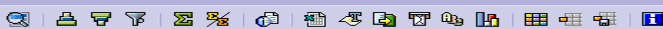
Order

Parameters

Version Plan/Act - Version
 Period To
 Fiscal Year

Processing Options

☐ Background Processing
☐ Test Run
☒ Detail Lists
☐ Messages from Object Selection Separate

Actual Template Allocation: Order**Actual Template Allocation: Order**

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004054	ATY 8100-FG3/F.RENT	943005	5.0	HR	75.00	INR		8100-FG3
	ATY 8100-FG3/ILAB	943004	4.0	HR	40.00	INR		8100-FG3
	ATY 8100-FG3/LUBRIC	943002	3	KG	60.00	INR		8100-FG3
	ATY 8100-FG3/PMRENT	943006	6.0	HR	60.00	INR		8100-FG3
	ATY 8100-FG3/REPAIR	943012	5.0	HR	100.00	INR		8100-FG3
	ATY 8100-FG3/ROYALI	943007	4	TO	40.00	INR		8100-FG3
	ATY 8100-FG3/TOOLS	943001	3	KG	45.00	INR		8100-FG3
ORD 60004054					420.00	INR		
					420.00	INR		

Actual Over Head Calculation-KGI2 for Quality Control Cost and Research Development Cost.

Actual Overhead Calculation: Order

Order

Parameters

Period

Fiscal Year

Processing Options

☐ Test Run

☒ Dialog display

Display ORD 60004054 6/2016: Item - Conditions

Item

View Quantity

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	N
81-2		Conversion Costs					3,720.00	INR		
81-3		Quality Control Cost	10.000	₹			372.00	INR		
81-4		Research & Dev Cost	10.000	₹			372.00	INR		
		COGM	0.00	INR	1		4,464.00	INR		

After calculation of all Expenses as Direct Materials Goods Issue, Indirect Materials by Template allocation, Direct Labor by Confirmation, Indirect Labor by Template allocation, Direct Expenses by Template allocation and Indirect expenses by Costing sheet and Template allocation procedures.

Cost Trend Display

A. Value								
Plant	8100 8100-MFG Plant							
Material	8100-FG3 8100-FG3							
Planned Quantity	10 EA Each							
Actual Quantity	10 EA Each							
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00	2,500.00	500.00	25.00	INR
	8100/8100-PACK	8100-PACK		1,200.00	1,440.00	240.00	20.00	INR
				3,200.00	3,940.00	740.00		INR
Confirmations	8100-FG3/TOO...	8100-FG3 / Tools		30.00	45.00	15.00	50.00	INR
	8100-FG3/LUBR...	8100-FG3 / Lubricants		80.00	60.00	20.00	25.00	INR
	8100-FG3/LAB...	8100-FG3 / Direct Labour		600.00	675.00	75.00	12.50	INR
	8100-FG3/ILAB	8100-FG3 / Indirect Labour		30.00	40.00	10.00	33.33	INR
	8100-FG3/F.RE...	8100-FG3 / Factory Rent		75.00	75.00	0.00		INR
	8100-FG3/PMR...	8100-FG3 / P&M Rent		30.00	60.00	30.00	100.00	INR
	8100-FG3/ROY...	8100-FG3 / Royalties		10.00	40.00	30.00	300.00	INR
	8100-FG3/POW...	8100-FG3 / Power		750.00	825.00	75.00	10.00	INR
	8100-FG3/FUEL	8100-FG3 / Fuel		400.00	500.00	100.00	25.00	INR
	8100-FG3/WAT...	8100-FG3 / Water		200.00	300.00	100.00	50.00	INR
	8100-FG3/DEP...	8100-FG3 / Depreciation		1,000.00	1,000.00	0.00		INR
	8100-FG3/REP...	8100-FG3 / Repairs & Maintenance		40.00	100.00	60.00	150.00	INR
				3,245.00	3,720.00	475.00		INR
Overhead	8100-FG3	8100-FG3		324.50	372.00	47.50	14.64	INR
	8100-FG3	8100-FG3		324.50	372.00	47.50	14.64	INR
				649.00	744.00	95.00		INR
Goods Receipt	8100/8100-FG3	8100-FG3		10,280.00	6,168.00	4,112.00	40.00	INR
				10,280.00	6,168.00	4,112.00		INR
				3,186.00	2,236.00	5,422.00		INR

Variance Calculation-KKS2

Variance Calculation: Initial Screen

Order 8100-FG3

Parameters

Period

Fiscal Year

☒ All target cost vsns 000

☐ Selected Target Cost Vsns

Processing options

☐ Test Run

☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year [Messages](#) Currency

Version

0 Target Cost Version (0)

10 Company code currency

Variance Settlement-KO88

Actual Settlement: Order

Settlement Rule

Order

Parameters

Settlement period	<input type="text" value="6"/>	Posting period	<input type="text"/>
Fiscal Year	<input type="text" value="2016"/>	Asset value date	<input type="text"/>
Processing type	<input type="text" value="1 Automatic"/>		

Processing Options

☐ Test Run

☒ Check trans. data

Actual Settlement: Order Detail list

Basic list Sender Receiver Accounting documents Settlement rule

Detail list - Settled values

Senders	Text send.	Receivers	ValCOArCur	Inform.
ORD 60004054	8100-FG3	MAT 8100/8100-FG3	2,236.00	
		PSG 0000000013	2,236.00	Variances

SAP CO-PRODUCT COSTING & MATERIAL LEDGER

Order	60004054 8100-FG3						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100-FG3 8100-FG3						
Planned Quantity	10 EA Each						
Actual Quantity	10 EA Each						

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Confirmations	8100-FG3/LUBR...	8100-FG3 / Lubricants		80.00	60.00		20.00-	25.00-	INR
	8100-FG3/LAB...	8100-FG3 / Direct Labour		600.00	675.00		75.00	12.50	INR
	8100-FG3/ILAB	8100-FG3 / Indirect Labour		30.00	40.00		10.00	33.33	INR
	8100-FG3/F.RE...	8100-FG3 / Factory Rent		75.00	75.00		0.00		INR
	8100-FG3/PMR...	8100-FG3 / P&M Rent		30.00	60.00		30.00	100.00	INR
	8100-FG3/ROY...	8100-FG3 / Royalties		10.00	40.00		30.00	300.00	INR
	8100-FG3/POW...	8100-FG3 / Power		750.00	825.00		75.00	10.00	INR
	8100-FG3/FUEL	8100-FG3 / Fuel		400.00	500.00		100.00	25.00	INR
	8100-FG3/WAT...	8100-FG3 / Water		200.00	300.00		100.00	50.00	INR
	8100-FG3/DEP...	8100-FG3 / Depreciation		1,000.00	1,000.00		0.00		INR
	8100-FG3/REP...	8100-FG3 / Repairs & Maintance		40.00	100.00		60.00	150.00	INR
Confirmations				3,245.00	3,720.00		475.00		INR
Overhead	8100-FG3	8100-FG3		324.50	372.00		47.50	14.64	INR
	8100-FG3	8100-FG3		324.50	372.00		47.50	14.64	INR
Overhead				649.00	744.00		95.00		INR
Goods Receipt	8100/8100-FG3	8100-FG3		10,280.00-	6,168.00-		4,112.00	40.00-	INR
Goods Receipt				10,280.00-	6,168.00-		4,112.00		INR
Settlement		(without origin)		0.00	2,236.00-				INR
Settlement				0.00	2,236.00-		2,236.00-		INR
				3,186.00-	0.00		3,186.00		INR

Sales Order Creation-VA01

Create Standard Order: Overview

Standard Order **Net value** 0.00 **INR**

Sold-To Party A8100 **8100-Customer / /**

Ship-To Party A8100 **8100-Customer / /**

P.O. Number **P.O. date** 12.06.2016

Sales **Item overview** **Item detail** **Ordering party** **Procurement** **Shipping** **Reason for rejection**

Req. deliv.date D 12.06.2016 **Deliver.Plant** 8100 8100-MFG Plant

☐ **Complete dlv.** **Total Weight** 7 **KG**

Delivery block **Volume** 0.000

Billing block **Pricing date** 12.06.2016

Payment card **Exp.date**

Card Verif.Code

Payment terms 0001 Special Payment T... **Incoterms** CFR hyd

Order reason

All items

Item	Material	Order Quantity	Un	Description	S	Customer Material Numb	ItCa	DGIP
10	8100-FG3	7	EA	8100-FG3	<input type="checkbox"/>		TAN	

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
Material: 8100-FG3 8100-FG3

Sales A Sales B Shipping Billing Document **Conditions** Account assignment Schedule lines Partners Texts O

View: 1 Pricing Elements: Table Quantity: 7 EA Net: Tax:

N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OU...	CCon...	Un	C
		Total	11,028.00	INR		1 EA	77,196.00	INR			1 EA		1 EA	
		SKTO Cash Discount	0.000	₹			0.00	INR			0		0	
		VPRS Cost	1,028.00	INR		1 EA	7,196.00	INR			1 EA		1 EA	
		Profit Margin	10,000.00	INR		1 EA	70,000.00	INR			1 EA		1 EA	

Delivery (trying to without batch)

Delivery Create: Overview

Outbound deliv.: Document Date: 12.06.2016
Ship-to party: A8100 8100-Customer / /

Item Overview **Picking** Loading Transport Status Overview Goods Movement Data

Pick Date/Time: 12.06.2016 00:00 OvrllPickStatus: C Fully picked
Warehouse No.: OverallWMStatus: No WM trnsf ord reqd

Item	Material	Plnt	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch	B..	P	V	Stag. Date	Matl...	Val. Type	Description
10	8100-FG3	8100	8100	7	EA	7		EA				12.06.2016	00:00...		8100-FG3

Goods movement: Error log

Technical Information Help

Type Item Msg. Area MT Message Text Material Desc. Dlv.qty SU Batch

10	605	VL	E	The batches are not defined for delivery item 000010	8100-FG3	8100-FG3	7.000	EA	
----	-----	----	---	--	----------	----------	-------	----	--

If it is wrong batch also system will throw error message as no Stock.

Goods movement: Error log

Technical Information Help



Type	Item	Msg.	Area	MT	Message Text	LTxt	Material	Desc.	Div.qty	SU	Batch
	10	021	M7	E	Deficit of BA Unrestricted-use 7 EA : 8100-FG3 8100 8100 BATCH-001		8100-FG3	8100-FG3	7.000	EA	BATCH-001

Delivery 80017595: Overview

Post Goods Issue

Outbound deliv. Document Date

Ship-to party 8100-Customer / /

Item Overview **Picking** Loading Transport Status Overview Goods Movement Data

Pick Date/Time OvrllPickStatus ☒ Fully picked

Warehouse No. OverallWMStatus ☐ No WM trnsf ord reqd

All Items													
Item	Material	Plnt	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch	B..	P	V	Stag. Date	Mati...
10	8100-FG3	8100	8100	7	EA	7	EA	0000000470		<input checked="" type="checkbox"/>		12.06.2016	00:00...
										<input type="checkbox"/>			
										<input type="checkbox"/>			

Check Batch Number here

Display Material Document 4900003178 : Overview
 Details from Item **Material** Accounting Documents...

Posting Date Mat. Slip Name

Items									
Item	Quantity	EU	Material	Plnt	SLoc	Batch	Re	MvT	S S
			BUn	Material Description		Reserv.No.	Itm	FI s	
1	7		EA	8100-FG3	8100	8100	0000000470	<input checked="" type="checkbox"/>	601 -
				8100-FG3					

Invoice-VF01

Invoice (F2) 90039405 (F2) Change: Overview of Billing Items

Accounting Billing documents

F2 Invoice (F2) 90039405 Net Value 77,196.00 INR

Payer A8100 8100-Customer / /

Billing Date 12.06.2016

Item	Description	Billed Quantity	SU	Net value	Material	Tax amount
10	8100-FG3		7 EA	77,196.00	8100-FG3	0.00

Invoice (F2) 90039405 (F2) Change: Overview of Billing Items

Accounting Billing documents

F2 Invoice (F2) 90039405 Net Value 77,196.00 INR

Payer A8100 8100-Customer / /

Billing Date 12.06.2016

Item	Description	Billed Quantity	SU	Net value	Material	Tax amount
10	8100-FG3		7 EA	77,196.00	8100-FG3	0.00

List of Documents in Accounting

Documents in Accounting

Doc. Number	Object type text
0000005002	Accounting document
0000000050	Controlling Document
0000000009	Profitab. Analysis

Batch Costing

Product Cost by Order

2). Without PP module implementation

MM01

Create Material 8100-FG4 (Finished product)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 2 Sales: General/Plant Foreign trade export Sales text

Material 8100-FG4 8100-FG4

Plant 8100 8100-MFG Plant

General data

Base Unit of Measure EA Each Replacement part ☐

Gross Weight 1 KG Qual.f.FreeGoodsDis. ☐

Net Weight 1 Material freight grp

Availability check KP No check ☐ Appr.batch rec. req.

☒ Batch management

Shipping data (times in days)

Trans. Grp 0003 Container LoadingGrp 0003 Manual

Setup time Proc. time Base qty EA

Packaging material data

Matl Grp Pack.Matls

Ref. mat. for pckg

Create Material 8100-FG4 (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...

Material 8100-FG4 8100-FG4

Plant 8100 8100-MFG Plant

Forecast Requirements

Period Indicator M Fiscal Year Variant ☐ Splitting indicator ☐

Planning

Strategy group 10 Make-to-stock production

Consumption mode ☐ Bwd consumption per.

Fwd consumption per. Mixed MRP ☐

Planning material Planning plant

Plng conv. factor Planning matl BUnit

Display Cost Center: Basic Screen

Drilldown

Cost Center 8100-FG4
 Controlling Area 8100-Company Code
 Valid From to

Basic data Control Templates Address Communication History

Names

Name
 Description

Basic data

User Responsible
 Person Responsible
 Department
 Cost Center Category Production
 Hierarchy area
 Business Area
 Functional Area
 Currency
 Profit Center 8100-Common Plant

KP26

Change Activity Type/Price Planning: Overview Screen

Line items Change Values

Version Plan/Act - Version
 Period To
 Fiscal Year
 Cost Center 8100-FG4

Activi...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T EquiNo	Act. sched.
DEPREC		1		1	HR	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943011	1	1
F.RENT		1		1	HR	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943005	1	1
FUEL		1		1	KWH	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943009	1	1
ILAB		1		1	HR	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943004	1	1
LABOUR		1		1	HR	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943003	1	1
LUBRIC		1		1	KG	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943002	1	1
PMRENT		1		1	HR	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943006	1	1
POWER		1		1	KWH	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943008	1	1
REPAIR		1		1	HR	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943012	1	1
ROYALI		1		1	TO	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943007	1	1
TOOLS		1		1	KG	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943001	1	1
WATER		1		1	L	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943010	1	1
*Active	0.0		0.0										12	

Create Template allocation

Create template 001 / 8100-FG4

Hide editor

Template: 8100-FG4 8100-1 Production
 Environment: 001 Cost estimate/production orders

Template overview : change

Type	Description	Object	Unit	Plan quantity	Plan fix	Plan activati...	Actual quan...	Actual fix	Actual activ...	Actual alloc...
Cost Center/Activity Ty	PROD-1 / Tools	8100-FG4 / TOOLS	KG	2		ACTIVE	3		ACTIVE	
Cost Center/Activity Ty	PROD-1 / Royalties	8100-FG4 / ROYALI	TO	1		ACTIVE	4		ACTIVE	
Cost Center/Activity Ty	PROD-1 / Repairs & Mainta...	8100-FG4 / REPAIR	HR	2		ACTIVE	5		ACTIVE	
Cost Center/Activity Ty	PROD-1 / P&M Rent	8100-FG4 / PMRENT	HR	3		ACTIVE	6		ACTIVE	
Cost Center/Activity Ty	PROD-1 / Lubricants	8100-FG4 / LUBRIC	KG	4		ACTIVE	3		ACTIVE	
Cost Center/Activity Ty	PROD-1 / Indirect Labour	8100-FG4 / ILAB	HR	3		ACTIVE	4		ACTIVE	
Cost Center/Activity Ty	PROD-1 / Factory Rent	8100-FG4 / F.RENT	HR	5		ACTIVE	5		ACTIVE	

Change View "View for Template Determination": Overview

New Entries

COAr	CostSh	OH key	Environ.	Template	Name
8100	8100	8100	001	8100-FG4	8100-1 Production
8900	TEST	TEST	001	TEST	TEST-8900

KKPAN-Cost Estimation without Quantity Structure

Create Material Cost Estimate Without Quantity Structure

Material: 8100-FG4
 Plant: 8100

Costing Data Dates

Costing Variant: PPC1
 Costing Version: 1
 Costing Lot Size:
 Transfer Control: ☐

Copy from
☐ Cost Comp Struc w/ Texts

Here we should enter manually Input Materials & Activity types not Overhead .Over Heads automatically will calculate based on Conversation Cost by Costing sheet once save the Cost estimation.

Create Unit Cost Estimate: List Screen - 1

Material: 8100-FG4 8100-FG4

Item	Ca...	Resource	Plant/Activity	Pu...	Quantity	U...	Value - Total	Description	Price - Total	Pric...	Cost Elem...	Ori...	C...	N Price - Fixed	Value - Fixed	Work C...
1M	8100-RM1	8100			2	EA	200.00	8100-RM1	100.00		1400000				0.00	
2M	8100-PACK	8100			1	EA	120.00	8100-PACK	120.00		1400030				0.00	
3E	8100-FG4	DEPREC			2.0	HR	20.00	Depreciation	10.00		1943011	140		10.00	20.00	
4E	8100-FG4	F.RENT			3.0	HR	45.00	Factory Rent	15.00		1943005	80		15.00	45.00	
5E	8100-FG4	FUEL			4	KW	80.00	Fuel	20.00		1943009	120		20.00	80.00	
6E	8100-FG4	ILAB			2.0	HR	20.00	Indirect Labour	10.00		1943004	70		10.00	20.00	
7E	8100-FG4	LABOUR			3.0	HR	45.00	Direct Labour	15.00		1943003	60		15.00	45.00	
8E	8100-FG4	LUBRIC			4	KG	80.00	Lubricants	20.00		1943002	50		20.00	80.00	
9E	8100-FG4	PMRENT			2.0	HR	20.00	P&M Rent	10.00		1943006	90		10.00	20.00	
10E	8100-FG4	POWER			3	KW	45.00	Power	15.00		1943008	110		15.00	45.00	
11E	8100-FG4	REPAIR			4.0	HR	80.00	Repairs & Maintance	20.00		1943012	150		20.00	80.00	
12E	8100-FG4	ROYALI			2	TO	20.00	Royalties	10.00		1943007	100		10.00	20.00	
13E	8100-FG4	TOOLS			3	KG	45.00	Tools	15.00		1943001	40		15.00	45.00	
14E	8100-FG4	WATER			4	L	80.00	Water	20.00		1943010	130		20.00	80.00	
15							0.00								0.00	

Entry: 1 from 15 INR: 900.00

Here we can observe the Over cost (R&D Cost and QC Cost) automatically coming

Create Material Cost Estimate Without Quantity Structure

Material: 8100-FG4 8100-FG4
Plant: 8100

Itemization for material 8100-FG4 in plant 8100

ItemNo	Ite...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
3	E	8100-FG4 DEPREC	943011	20.00	20.00	INR	2.0	HR
4		8100-FG4 F.RENT	943005	45.00	45.00	INR	3.0	HR
5		8100-FG4 FUEL	943009	80.00	80.00	INR	4	K..
6		8100-FG4 ILAB	943004	20.00	20.00	INR	2.0	HR
7		8100-FG4 LABOUR	943003	45.00	45.00	INR	3.0	HR
8		8100-FG4 LUBRIC	943002	80.00	80.00	INR	4	KG
9		8100-FG4 PMRENT	943006	20.00	20.00	INR	2.0	HR
10		8100-FG4 POWER	943008	45.00	45.00	INR	3	K...
11		8100-FG4 REPAIR	943012	80.00	80.00	INR	4.0	HR
12		8100-FG4 ROYALI	943007	20.00	20.00	INR	2	TO
13		8100-FG4 TOOLS	943001	45.00	45.00	INR	3	KG
14		8100-FG4 WATER	943010	80.00	80.00	INR	4	L
	E			580.00	580.00	INR		
15	G	8100-FG3 941001	941001	58.00	58.00	INR		
16		8100-FG3 941002	941002	58.00	58.00	INR		
	G			116.00	116.00	INR		
1	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
2		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
	M			320.00	0.00	INR		
				1,016.00	696.00	INR		

Create Material Cost Estimate Without Quantity Structure

Material: 8100-FG4 8100-FG4
Plant: 8100

Cost Components for Material 8100-FG4 Plant 8100

CC...	Name of Cost Comp.	Σ	Overall	Σ	Fixed	Σ	Variable	Crcy
10	Raw Material		200.00				200.00	INR
20	Processing Material							INR
30	Packing Material		120.00				120.00	INR
40	Tools		45.00		45.00			INR
50	Lubricants		80.00		80.00			INR
60	Direct Labour		45.00		45.00			INR
70	Indirect Labour		20.00		20.00			INR
80	Factory Rent		45.00		45.00			INR
90	Plant & Machine Rent		20.00		20.00			INR
100	Royalties		20.00		20.00			INR
110	Power		45.00		45.00			INR
120	Fuel		80.00		80.00			INR
130	Water		80.00		80.00			INR
140	Depreciation		20.00		20.00			INR
150	Repairs & Maintance		80.00		80.00			INR
160	Quality Control Cost		58.00		58.00			INR
170	Research & Dev Cost		58.00		58.00			INR
			1,016.00		696.00		320.00	INR

CK24-Marking and Release

Price Update: Mark Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Fut. plnd price	Standard price	Pr
	8100-FG4	8100		VO	1,016.00	0.00	


Price Update: Release Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	8100-FG4	8100		FR	1,016.00	1	INR

MM03**Display Material 8100-FG4 (Finished product)**

Additional Data Org. Levels

Costing 1 Costing 2 Plant stock Stor. loc. stck WM Execution

Material 8100-FG4 8100-FG4 

Plant 8100 8100-MFG Plant

Standard Cost Estimate**Cost Estimate**

Future

Current

Previous

Period / Fiscal Year

0

6

2016

0

Planned price

0.00

1,016.00

0.00

Standard price

1,016.00

Planned prices

Planned price 1

0.00

Planned price date 1

Planned price 2

0.00

Planned price date 2

Planned price 3


0.00

Planned price date 3

Define Cost-Accounting-Relevant Default Values for Order Types and Plants –OKZ3

Change View "Default Values for Order Cost Estimate": Details of Selec


Plant Order Type Standard CO Production Order

Default Rule  Production Mat.Full settlement

RA Key WIP Calculation for Production Orders

KKF1-CO Production Order

Create CO Production Order: Initial screen

 Master Data

Order Type

Material Number

Plant

Create CO Production Order: Master data

   Settlement Rule

Order Order type Standard CO Prod...

Description 

Material Number 8100-FG4

Assignments Control data Prd-end closing General data Investments

Status

System status  Tech. comple

 Allowed transacts.

Control data

Currency Indian Rupee

Order category CO Production Order


☐ Revenue postings

☒ Commitment update

Order was created with number 702668

CO-Production Order plan-KKF4

Change Order Planning: Initial Screen

Order 

Enter Costing Varint-PC01, Lot size (production Qty) and click on Cost Estimate button

Change Order Planning: Initial Screen


Order

Create Cost Estimate

Costing Variant

Lot Size

Reference



Base Object 

Material

Costing Variant

Costing Date

Costing Version

Selection of material cost ests

Material Number: 8100-FG4

Plant: 8100

Other Options

Std cost est: ☐ Future ☒ Current ☐ Previous

☒ And other cost estimates

Costing Variant:

Costing Version: 1

Costing Status: KA

☐ Most current, val. on: 12.06.2016

☒ Extended selection

Check

Then execute

Change Order Planning: Initial Screen

Order: 702668

Create Cost Estimate

Costing Variant: PC01

Lot Size: 10 EA

Reference

Base Object:

Material: 8100-FG4 8100

Costing Variant: PPC1

Costing Date: 01.06.2016

Costing Version: 1

Cost Estimate

System will calculate for inputs for 10 qty production with Over heads also here

Then save

Create Unit Cost Estimate: List Screen - 1

CO Production Order
 Material

Costing Items - Basic View

Item	C... Resource	Plant/Activity	Purc...	Quantity	U...	L	Value - Total	Description	Price - Total	Pric...	Cost Elem...	On...	Price - Fixed	Val
1M	8100-RM1	8100		20	EA		2,000.00	8100-RM1	100.00		1400000			
2M	8100-PACK	8100		10	EA		1,200.00	8100-PACK	120.00		1400030			
3E	8100-FG4	DEPREC		20.0	HR		200.00	Depreciation	10.00		1943011		10.00	
4E	8100-FG4	F.RENT		30.0	HR		450.00	Factory Rent	15.00		1943005		15.00	
5E	8100-FG4	FUEL		40	KW		800.00	Fuel	20.00		1943009		20.00	
6E	8100-FG4	ILAB		20.0	HR		200.00	Indirect Labour	10.00		1943004		10.00	
7E	8100-FG4	LABOUR		30.0	HR		450.00	Direct Labour	15.00		1943003		15.00	
8E	8100-FG4	LUBRIC		40	KG		800.00	Lubricants	20.00		1943002		20.00	
9E	8100-FG4	PMRENT		20.0	HR		200.00	P&M Rent	10.00		1943006		10.00	
10E	8100-FG4	POWER		30	KW		450.00	Power	15.00		1943008		15.00	
11E	8100-FG4	REPAIR		40.0	HR		800.00	Repairs & Maintenance	20.00		1943012		20.00	
12E	8100-FG4	ROYALI		20	TO		200.00	Royalties	10.00		1943007		10.00	
13E	8100-FG4	TOOLS		30	KG		450.00	Tools	15.00		1943001		15.00	
14E	8100-FG4	WATER		40	L		800.00	Water	20.00		1943010		20.00	
15G							580.00	Quality Control Cost			941001			

Entry from INR

MB1A-Goods Issue**Enter Goods Issue: Collective Processing**

To Reservation... To Order...

Movement Type GI for order

Business Area

Cost Center

Order

More

Items

F	Item	Material	Quantity	UnE	SLoc	Batch	Re	Plant
1		8100-RM1	22	EA	8100			8100
2		8100-PACK	12	EA	8100			8100
3					8100			8100
4					8100			8100
5					8100			8100

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number 1013 Company Code 8100 Fiscal Year 2016
 Document Date 12.06.2016 Posting Date 12.06.2016 Period 6
 Reference Cross-Comp.No.
 Currency INR Texts exist ☐ Ledger Group



Co...	Item	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Profit Center	Segment
8100	1	99		200100	INVENTORY RM A/C	2,200.00-	INR				8100	
	2	81		400000	R.Material Consum	2,200.00	INR			702668	8100	
	3	99		200130	Packing Material A/C	1,440.00-	INR				8100	
	4	81		400030	Packing Consumption	1,440.00	INR			702668	8100	

KB21N-Activties Confirmation**Display Direct Activity Allocation**

Entry Data

Additional Info

Doc. Date 12.06.2016
 Postg Date 12.06.2016 Period 6
 DocumentNo 52 Number Ranges
 Doc. Text confirmation of activites



Scrn var. 02SAP Order

Input Type L List Entry

Items

ItemNo.	Send.	CCtr	SATyTyp	Rec. Order	Rec. oper.	Total Quantity	UM	Text
0001	8100-FG4	PREC	702668			20.0	HR	
0002	8100-FG4	F.RENT	702668			30.0	HR	
0003	8100-FG4	FUEL	702668			42	KW..	
0004	8100-FG4	ILAB	702668			20.0	HR	
0005	8100-FG4	LABOUR	702668			30.0	HR	
0006	8100-FG4	LUBRIC	702668			43	KG	
0007	8100-FG4	PMRENT	702668			20.0	HR	
0008	8100-FG4	POWER	702668			31	KW..	
0009	8100-FG4	REPAIR	702668			40.0	HR	
0010	8100-FG4	ROYALI	702668			30	TO	

KKF3-CO-Production Order Display

A. Value

Order

Order Type

Plant

Material

702668 8100-FG4-CO Production Order Creation
CP01 Standard CO Production Order
8100 8100-MFG Plant
8100-FG4 8100-FG4

Planned Quantity 10 EA Each

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00		2,200.00		200.00	10.00	INR
	8100/8100-PACK	8100-PACK		1,200.00		1,440.00		240.00	20.00	INR
Goods Issues			■	3,200.00	■	3,640.00	■	440.00		INR
Confirmations	8100-FG4/TOO...	8100-FG4 / Tools		450.00		480.00		30.00	6.67	INR
	8100-FG4/LUBR...	8100-FG4 / Lubricants		800.00		860.00		60.00	7.50	INR
	8100-FG4/LAB...	8100-FG4 / Direct Labour		450.00		450.00		0.00		INR
	8100-FG4/ILAB	8100-FG4 / Indirect Labour		200.00		200.00		0.00		INR
	8100-FG4/F.RE...	8100-FG4 / Factory Rent		450.00		450.00		0.00		INR
	8100-FG4/PMR...	8100-FG4 / P&M Rent		200.00		200.00		0.00		INR
	8100-FG4/ROY...	8100-FG4 / Royalties		200.00		300.00		100.00	50.00	INR
	8100-FG4/POW...	8100-FG4 / Power		450.00		465.00		15.00	3.33	INR
	8100-FG4/FUEL	8100-FG4 / Fuel		800.00		840.00		40.00	5.00	INR
	8100-FG4/WAT...	8100-FG4 / Water		800.00		860.00		60.00	7.50	INR
	8100-FG4/DEP...	8100-FG4 / Depreciation		200.00		200.00		0.00		INR
	8100-FG4/REP...	8100-FG4 / Repairs & Maintance		800.00		800.00		0.00		INR
Confirmations			■	5,800.00	■	6,105.00	■	305.00		INR
Overhead	8100-FG3	8100-FG3		580.00		0.00		580.00-	100.00-	INR
	8100-FG3	8100-FG3		580.00		0.00		580.00-	100.00-	INR
Overhead			■	1,160.00	■	0.00	■	1,160.00-		INR
			■ ■	10,160.00	■ ■	9,745.00	■ ■	415.00-		INR

Until Goods Receipt happen, plan Goods receipt line also will not come

MB31-Goods Receipt

Goods Receipt for Order: Initial Screen			
<input type="checkbox"/> Adopt + Details To Order... WM Parameters...			
Document Date	12.06.2016	Posting Date	12.06.2016
Delivery Note			
Doc. Header Text			
Defaults for Document Items			
Movement Type	101		
Order	702668		
Plant	8100	Reason for Movement	
Stor. Location	8100	<input type="checkbox"/> Suggest Zero Lines	
GR/GI Slip			
<input type="checkbox"/> Print	<input type="radio"/> Individual Slip <input checked="" type="radio"/> Indiv. Slip w. Inspect. Text <input type="radio"/> Collective Slip		

Goods Receipt for Order: New Items 0001

◀ ▶ ✎ 🖨 To Order... WM Details...

Order 702668 Movement Type 101 Goods receipt

Plant 8100 8100-MFG Plant

Material 8100-FG4 8100-FG4

Ordered 10 EA

Received 0

Quantity in

Unit of Entry 10 EA Stor. Location 8100 Stock Type

Batch

Date of Manuf. SLED/BBD

Further Information

☐ Deliv. Compl. No. of GR Slips 1

Unloading Point

Text

Company Code 8100 Fiscal Year 2016

Automatic batch number allocation

Caution! Internal number allocation for materials handled in batches

Yes No Cancel

Stock Display

Stock Overview: Basic List

📄 🔄

Selection

Material 8100-FG4 8100-FG4

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	Qual. inspection	Reserved	Re
Full	10.000			
8100 8100-Company Code	10.000			
8100 8100-MFG Plant	10.000			
8100 8100-S.Location	10.000			
• 0000000471	10.000			

Reaming Steps are Template allocation, Overhead calculation, variance & settlement process same

KGI2-Overhead Calculation

Display ORD 702668 6/2016: Item - Conditions

Item: 1
View: 1 Pricing Elements: Table Quantity: 0.000 Net: 7,326.00 INR Tax: 0.00

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur
81-2		Conversion Costs					6,105.00	INR		0		0		0.00	
81-3		Quality Control Cost	10.000	%			610.50	INR		0		0		0.00	
81-4		Research & Dev Cost	10.000	%			610.50	INR		0		0		0.00	
		GM	0.00	INR		1	7,326.00	INR		0		0		0.00	

KKS2-Variance Calculation

Variance Calculation: Initial Screen

Order: 702668 8100-FG4-CO Production Order Creation

Parameters

Period: 6
Fiscal Year: 2016
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements **f** Scrap **f** Variance Categories

Period: 6 Fiscal year: 2016 Messages 1 Currency: INR
Version: 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8...	ORD 702668	10,160.00	10,966.00	10,160.00	0.00	0.00	806.00

KO88-Settlement

Actual Settlement: Order

Settlement Rule

Order: 702668

Parameters

Settlement period: 6 Posting period: Fiscal Year: 2016 Asset value date: Processing type: 1 Automatic

Processing Options

☐ Test Run
☒ Check trans. data

Actual Settlement: Order Detail list

Basic list Sender Receiver Settlement rule Save Select

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 702668	8100-FG4-CO Production Order Creation	MAT 8100/8100-FG4	806.00	
		PSG 0000000019	806.00	Variances

CO03-Cost Trend

A. Value

Order: 702668 8100-FG4-CO Production Order Creation
 Order Type: CP01 Standard CO Production Order
 Plant: 8100 8100-MFG Plant
 Material: 8100-FG4 8100-FG4
 Planned Quantity: 10 EA Each
 Actual Quantity: 10 EA Each
 Cumulative Data
 Legal Valuation
 Company Code Currency/Object Currency

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Confirmations	8100-FG4/ROY...	8100-FG4 / Royalties		200.00		300.00		100.00	50.00	INR
	8100-FG4/POW...	8100-FG4 / Power		450.00		465.00		15.00	3.33	INR
	8100-FG4/FUEL	8100-FG4 / Fuel		800.00		840.00		40.00	5.00	INR
	8100-FG4/WAT...	8100-FG4 / Water		800.00		860.00		60.00	7.50	INR
	8100-FG4/DEP...	8100-FG4 / Depreciation		200.00		200.00		0.00		INR
	8100-FG4/REP...	8100-FG4 / Repairs & Maintance		800.00		800.00		0.00		INR
Confirmations			Σ	5,800.00	Σ	6,105.00	Σ	305.00		INR
Overhead	8100-FG3	8100-FG3		580.00		610.50		30.50	5.26	INR
	8100-FG3	8100-FG3		580.00		610.50		30.50	5.26	INR
Overhead			Σ	1,160.00	Σ	1,221.00	Σ	61.00		INR
Goods Receipt	8100/8100-FG4	8100-FG4		0.00		10,160.00-		10,160.00-		INR
Goods Receipt			Σ	0.00	Σ	10,160.00-	Σ	10,160.00-		INR
Settlement		(without origin)		0.00		806.00-		806.00-		INR
Settlement			Σ	0.00	Σ	806.00-	Σ	806.00-		INR
			Σ	10,160.00	Σ	0.00	Σ	10,160.00-		INR

Process Costing- Product Cost By Period

Repetitive mfg process

1). without reporting points consideration

Configuration

Define Repetitive Manufacturing Profiles-OSP2

Change View "Overall Maintenance of Repetitive Manufacturing Profile":

REM Profile: 0001 REM Profile Name: Rep.manuf.- w/o activ.confirm.

Production type: PKMN

Control data 1 Control data 2 Movement types

General

☒ GI backflush at GR posting

☐ RP backflush

☐ Mandatory ☐ Optional

☐ RP Confirmation w/o Kanban

☐ RP Confirmation with Kanban and Manufal Posting

☐ RP Confirmation with Kanban Only

☐ Automatic GR posting at last RP when backflushing

Process control:

Error Correction for Backflushing

☒ Create cumulated postprocessing records

☐ Also create individual postprocessing records

☒ Execute correction in dialog mode

☐ Mandatory ☒ Optional

Cost Accounting

☒ Post activities

☒ Backflush using standard cost estimate for material

☐ Using data from prelim. costing f. prod. cost collector

Maintain Distribution for Planning Table-OSP4

Change View "Distribution Function for the Planning Table": Overview

New Entries

PInt	Key	Distrib.
7540	GLEI	
7550	GLEI	
7777	GLEI	
8100	GLEI	

Check Costing Variants for Product Cost Collectors-OPL1

Change View "Costing Variants": Overview

New Entries

Costing Variant	Name
PPC2	Mod. Std Cost Est. (Mat.)
PPC3	Current Cost Est. (Mat.)
PPC6	Product Cost Collector
PREM	Repetitive Mfg Versions
SIM1	Simulation
UPC1	Std Cst Est Enterpr. Plan
PPC1	Std. Cost Est. (Mat.)

Valuation variant 190

Change View "Valuation Variants (Organizational-Unit-Dependent)": Overview


New Entries

Valuation Variant	Plnt	Name
190	8100	Prelim. cost estimate
190	8900	Prelim. cost estimate

Define Cost-Accounting-Relevant Default Values for Order Types and Plants-OKZ3

Change View "Default Values for Order Cost Estimate": Details of Selec

Plant Order Type Product Cost Collectors

Default Rule  Tracing factor determination

RA Key WIP at Plan Costs (Reporting Points)

Costing

Prel./Vers.Cstg Repetitive Mfg Versions






Val. Var. Prelim. cost estimate






Simul. Costing Product Cost Collector


Val. Var. Production order - actual

MM01- Material Master Creation



Create Material 8100-FG5 (Finished product)

  Additional Data  Org. Levels  Check Screen Data 

 MRP 3  MRP 4  Forecasting  Work scheduling  Prod.resources/t...

Material 


Plant

Stor. Loc.  

BOM explosion/dependent requirements

Selection method ☐ Component scrap (%)

Individual/coll. ☐ Requirements group

☐ Version Indicator  ProdVersions MRP dep.requirements ☐


Discontinued parts

Discontin. ind. ☐ Eff.-out Follow-up matl

Repetitive manufacturing / assembly / deployment strategy

☒ Repetitive mfg REM profile Action control ☐

Fair share rule ☐ Push distribution ☐ Deployment horizon


 Material memo ☐ Material memo exists

Storage location MRP



SLoc MRP indicator ☐ Spec.proc.type: SLoc

Reorder point Replenishment qty

KP26

Display Activity Type/Price Planning: Overview Screen													
													
Version	0	Plan/Act - Version											
Period	6	To 6											
Fiscal Year	2016												
Cost Center	8100-FG5	8100-FG5											
Activi...	Plan activity	Dis...	Capacity		U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	
DEPREC	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943011	
F.RENT	0.0	1	0.0	1	HR	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943005	
FUEL	0	1	0	1	KWH	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943009	
ILAB	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943004	
LABOUR	0.0	1	0.0	1	HR	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943003	
LUBRIC	0	1	0	1	KG	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943002	
PMRENT	0.0	1	0.0	1	HR	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943006	
POWER	0	1	0	1	KWH	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943008	
REPAIR	0.0	1	0.0	1	HR	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943012	
ROYALI	0	1	0	1	TO	10.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943007	
TOOLS	0	1	0	1	KG	15.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943001	
WATER	0	1	0	1	L	20.00	0.00	00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943010	

Work Center Master data –CR01

Display Work Center: Cost Center Assignment			
 HRMS  Hierarchy			
Plant	8100	8100-MFG Plant	
Work center	8100-FG5	8100-FG5	
<div> <div>Basic Data</div> <div>Default Values</div> <div>Capacities</div> <div>Scheduling</div> <div>Costing</div> </div>			
Validity			
Start date	13.06.2016	End Date	31.12.9999
Link to cost center/activity types			
Controlling Area	8100	8100-Company Code	
Cost Center	8100-FG5	8100-FG5	
Activities Overview			
Alt. activity descr.	Activity Type	Activity Unit	R... Form... Formula description
Machine Hr	DEPREC	HR	<input type="checkbox"/> 8881 Machine HR
Labor Hr	LABOUR	HR	<input type="checkbox"/> 8882 Labor HR
Power KWH	POWER	KWH	<input type="checkbox"/> 8883 Power KWH
Fuel kwh	FUEL	KWH	<input type="checkbox"/> 8884 Fuel Kwh
Water L	WATER	L	<input type="checkbox"/> 8885 Water L

Bill of Material Creation-CS01

Create material BOM: General Item Overview

Subitems | New Entries | Header | Validity

Material: 8100-FG5 8100-FG5
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material | Document | General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P
0010	L	8100-RM1	8100-RM1	3	EA	<input type="checkbox"/>	<input type="checkbox"/>	13.06.2016	31.12.9999		
0020	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	13.06.2016	31.12.9999		
0030	L					<input type="checkbox"/>	<input type="checkbox"/>				
0040	L					<input type="checkbox"/>	<input type="checkbox"/>				

Routing Creation-CA01

Create Routing: Operation Details

Work center | Routings | Sequences | CompAlloc | PRT

Material: 8100-FG5 8100-FG5 Grp.Count1

Operation

Operation/Activity: 0010 Suboperation:
 Work center / Plnt: 8100-FG5 / 8100 8100-FG5
 Control key: PP99 In-house prod. milestone with GR
 Standard text key:
☐ Long text exists

Standard Values

Base Quantity: 1
 Act./Operation UoM: EA
 Break:

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10	HR	DEPREC	<input type="text"/>
Labor Hr	4	HR	LABOUR	<input type="text"/>
Power KWH	5	KWH	POWER	<input type="text"/>
Fuel kwh	2	KWH	FUEL	<input type="text"/>
Water L	1	L	WATER	<input type="text"/>

Production Version mapping Material Master-MM02

Change Material 8100-FG5 (Finished product)

Additional Data | Org. Levels | Check Screen Data

MRP 3 | MRP 4 | Work scheduling | Plant data / stor. 1

Production Version Overview

Ve...	Text	Valid from	Valid to
EV01	PRODUCT VERSION-1	13.06.2016	31.12.2099

Production Version Details

Production Version: EV01 | PRODUCT VERSION-1 | Check | 13.06.2016

Basic data

Prod.vers.locked: Not locked

From lot size: [] To lot size: []

Valid from: 13.06.2016 Valid to: 31.12.2099

Planning data

	Task List Type	Group	Group Counter	Check stat
Detailed planning	N Routing	50001637	1	OO
Rate-based planning				
Rough-Cut Planning				

Bill of material

Alternative BOM: 1 BOM Usage: 1 | OO

Apportionment Struct: []

Repetitive Manufacturing

☒ REM allowed | Production line: [] | Planning ID: []

Cost estimation with Qty structure-CK11N

Create Material Cost Estimate with Quantity Structure

Costing Structure On | Detail List On | Hold | i | A

Material: 8100-FG5

Plant: 8100

Costing Data | Dates | Qty Struct.

Costing Variant: PPC1

Costing Version: 1

Costing Lot Size: []

Transfer Control: []

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG5 8100-FG5
Plant: 8100

Costing Structure: 8100-FG5
• 8100-RM1
• 8100-PACK

Itemization for material 8100-FG5 in plant 8100

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG5 8100-FG5 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG5 8100-FG5 LABOUR	943003	60.00	60.00	INR	4.0	HR
3		8100-FG5 8100-FG5 POWER	943008	75.00	75.00	INR	5	K...
4		8100-FG5 8100-FG5 FUEL	943009	40.00	40.00	INR	2	K...
5		8100-FG5 8100-FG5 WATER	943010	20.00	20.00	INR	1	L
8		8100-FG5 TOOLS	943001	30.00	30.00	INR	2	KG
9		8100-FG5 ROYALI	943007	10.00	10.00	INR	1	TO
10		8100-FG5 REPAIR	943012	40.00	40.00	INR	2.0	HR
11		8100-FG5 PMRENT	943006	30.00	30.00	INR	3.0	HR
12		8100-FG5 LUBRIC	943002	80.00	80.00	INR	4	KG
13		8100-FG5 ILAB	943004	30.00	30.00	INR	3.0	HR
14		8100-FG5 F.RENT	943005	75.00	75.00	INR	5.0	HR
				590.00	590.00	INR		
15	G	8100-FG5 941001	941001	59.00	59.00	INR		
16		8100-FG5 941002	941002	59.00	59.00	INR		
				118.00	118.00	INR		
6	M	8100 8100-RM1	400000	300.00	0.00	INR	3	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
				420.00	0.00	INR		
				1,128.00	708.00	INR		

Marking and Release-CK24

Price Update: Release Standard Price

Ex... Material: 8100-FG5 Plant: 8100 Valuation Type: FR Standard price: 1,128.00 Price Unit: 1 Currency: INR

Product Cost Collector Creation-KKF6N

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors: 8100

Selection: Material: 8100-FG5 to Plant: 8100 8100-MFG Plant

Data Header Production Process

Profit Center: Business Area: Cstg variant planned: Cstg variant actual: Costing Sheet: Overhead key: Results Analysis Key: Variance Key:

0 Product cost collectors selected

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100

Selection

Material 8100-FG5 to

Plant 8100 8100-MFG Plant

Create Product Cost Collector

Material 8100-FG5 8100-FG5

Plant 8100 8100-MFG Plant

Order Type RM01

Controlling level for material

☒ Production version

☐ BOM/routing

☐ Production Plant/Planning Plan

Characteristics for production process

Planning plant 8100 8100-MFG Plant

Production Version PV01

Confirm Cancel

Create Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
 - 8100-FG5
 - PRODUCT VERSION-1

Selection

Material 8100-FG5 to

Plant 8100 8100-MFG Plant

Data Header Production Process

Profit Center 8100

Create product cost collector

Create a preliminary cost estimate for the product cost collector?

Yes No Cancel

Results Analysis Key FERT-P WIP at Plan Costs (Reportin...

Variance Key 8100 8100

1 Product cost collectors selected

Change Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
- 8100-FG5
- PRODUCT VERSION

Selection

Material 8100-FG5 to

Plant 8100 8100-MFG Plant

Data Header Production Process

Profit Center 8100

Business Area

Item No.	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
5	E	8100-FG5 8100-FG5 WATER	943010	20.00	20.00	INR	1	L
8		8100-FG5 TOOLS	943001	30.00	30.00	INR	2	KG
9		8100-FG5 ROYALI	943007	10.00	10.00	INR	1	TO
10		8100-FG5 REPAIR	943012	40.00	40.00	INR	2.0	HR
11		8100-FG5 PMRENT	943006	30.00	30.00	INR	3.0	HR
12		8100-FG5 LUBRIC	943002	80.00	80.00	INR	4	KG
13		8100-FG5 ILAB	943004	30.00	30.00	INR	3.0	HR
14		8100-FG5 F.RENT	943005	75.00	75.00	INR	5.0	HR
E				590.00	590.00	INR		
15	G	8100-FG5 941001	941001	59.00	59.00	INR		
16		8100-FG5 941002	941002	59.00	59.00	INR		
G				118.00	118.00	INR		
6	M	8100 8100-RM1	400000	300.00	0.00	INR	3	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				420.00	0.00	INR		
				1,128.00	708.00	INR		

Production Confirmation through Back Flush-MFBF

REM Confirmation - Transaction Variant: None

Post with Correction Details Scrap Documents Doc-Specific Cancellation Doc.-Neutral Reversal

Confirmation Type

☒ Assembly backflush ☐ Component backflush ☐ Activity backflush

Yield Confirm.

Conf. Qty 10 Unit of Meas. EA

Posting Header

Posting Date 13.06.2016

Document Date 13.06.2016

Doc.Header Text

Make-to-Stock Make-to-Order Production by Lot

Material 8100-FG5 8100-FG5

Plant 8100 Production Version PV01 Coll. Entry

Planning plant 8100 Date of Manufacture SLED/BBD

To location 8100 To batch

☐ RP backflush Reporting Point RP Stocks

Selection Data

Planned order Revision Level

Production line Planning ID

Components issue

REM Confirmation - Transaction Variant: None

Actual Activities

Goods Receipt Quanti EA [Yield Confirm.](#)

Material 8100-FG5

Plant Production Version

Material	Description	Qu...	E...	Plant	St...	Supply Area	Ba...	Item	O.	O.	P	D	M...	S	Sales Ord.	Sales...	WBS Elem.
8100-PACK	8100-PACK	12	EA	8100	8100			0020	0	0	H	261				0	
8100-RM1	8100-RM1	32	EA	8100	8100			0010	0	0	H	261				0	

REM Confirmation - Transaction Variant: None

Post with Correction Details Scrap Documents Doc-Specific Cancellation Doc.-Neutral Reversal

Confirmation Type
☒ Assembly backflush ☐ Component backflush ☐ Activity backflush

Yield Confirm.
 Conf. Qty

Operation Selection for Backflushing Actual Activities

Selection of operations whose activities to be changed
 Unselected operations will be posted using target activities

Seqs.	Seq.	Op.	SubO	WorkCntr	Description
0	0010			8100-FG5	

Make-to-Stock Make-to-Order

Material 8100-FG5

Plant 8100

Planning plant 8100

To location 8100

☐ RP backflush

Selection Data
 Planned order

Posting Actual Activities

Difference New row Delete Row Change work center

Header Data

Order 702669

Material Number 8100-FG5

Oper./Act. 0010

☐ Suboperation exists ☒ Milestone indicator

Work center 8100-FG5

Plant 8100

Activities

	Curr. t/b Conf.	Un. Planned t/b Conf.	Un. Activity Type
<input checked="" type="checkbox"/> Machine Hr	<input type="text" value="100.0"/> 100.0	HR 100.0	HR DEPREC
<input checked="" type="checkbox"/> Labor Hr	<input type="text" value="40.0"/> 40.0	HR 40.0	HR LABOUR
<input checked="" type="checkbox"/> Power KWH	<input type="text" value="50.0"/> 50.0	KWH 50.0	KWH POWER
<input checked="" type="checkbox"/> Fuel kwh	<input type="text" value="20.0"/> 20.0	KWH 20.0	KWH FUEL
<input checked="" type="checkbox"/> Water L	<input type="text" value="10.0"/> 10.0	L 10.0	L WATER

Reason

REM Confirmation - Transaction Variant: None

Post with Correction
 Details
 Scrap
 Documents
 Doc-Specific Cancellation
 Doc.-Neut

Confirmation Type

☒ Assembly backflush
 ☐ Component backflush
 ☐ Activity backflush

Yield Confirm.

Conf. Qty Unit of Meas.

Posting Header

Posting Date
 Document Date
 Doc.Header Text

Performance Assistant

GR and GI with document 4900003180 and activities posted

Message no. RM191

System Response

The system has posted the goods receipt for the material and the goods issues for the components. Furthermore 4900003180.

KKF6N

Display Product Cost Collector

Cost
 Change
 Costing

Selection
 Material to
 Plant


Product Cost Collectors

☒ 8100-FG5
☒ PRODUCT VERSION

Transaction (Text)	Origin	Origin (Text)	Total target costs	Total actual costs	Target/actual var.	T/I var(%)	Currency
Confirmations	8100-FG5/LABOUR	8100-FG5 / Direct Labour	600.00	600.00	0.00		INR
	8100-FG5/POWER	8100-FG5 / Power	750.00	750.00	0.00		INR
	8100-FG5/FUEL	8100-FG5 / Fuel	400.00	400.00	0.00		INR
	8100-FG5/WATER	8100-FG5 / Water	200.00	200.00	0.00		INR
	8100-FG5/DEPREC	8100-FG5 / Depreciation	1,000.00	1,000.00	0.00		INR
	8100-FG5/TOOLS	8100-FG5 / Tools	300.00	0.00	300.00-	100.00-	INR
	8100-FG5/LUBRIC	8100-FG5 / Lubricants	800.00	0.00	800.00-	100.00-	INR
	8100-FG5/ILAB	8100-FG5 / Indirect Labour	300.00	0.00	300.00-	100.00-	INR
	8100-FG5/F.RENT	8100-FG5 / Factory Rent	750.00	0.00	750.00-	100.00-	INR
	8100-FG5/PMRENT	8100-FG5 / P&M Rent	300.00	0.00	300.00-	100.00-	INR
	8100-FG5/ROYALI	8100-FG5 / Royalties	100.00	0.00	100.00-	100.00-	INR
	8100-FG5/REPAIR	8100-FG5 / Repairs & Maintenance	400.00	0.00	400.00-	100.00-	INR
Confirmations			5,900.00	2,950.00	2,950.00-		INR
Goods Issues	8100/8100-RM1	8100-RM1	3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-PACK	8100-PACK	1,200.00	1,440.00	240.00	20.00	INR
Goods Issues			4,200.00	4,640.00	440.00		INR
Goods Receipt	8100/8100-FG5	8100-FG5	0.00	11,280.00	11,280.00-		INR
Goods Receipt			0.00	11,280.00	11,280.00-		INR
Overhead	8100-FG5	8100-FG5	590.00	0.00	590.00-	100.00-	INR
Overhead	8100-FG5	8100-FG5	590.00	0.00	590.00-	100.00-	INR
Overhead			1,180.00	0.00	1,180.00-		INR
			11,280.00	3,690.00	14,970.00-		INR


Actual Template Allocation-CPTE

Actual Template Allocation: Product Cost Collector



Material

Plant

Production Process No 

Parameters

Version Plan/Act - Version

Period

Fiscal Year

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Product Cost Collector

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 702669	ATY 8100-FG5/F.RENT	943005	5.0	HR		75.00	INR		8100-FG5
	ATY 8100-FG5/ILAB	943004	4.0	HR		40.00	INR		8100-FG5
	ATY 8100-FG5/LUBRIC	943002	3	KG		60.00	INR		8100-FG5
	ATY 8100-FG5/PMRENT	943006	6.0	HR		60.00	INR		8100-FG5
	ATY 8100-FG5/REPAIR	943012	5.0	HR		100.00	INR		8100-FG5
	ATY 8100-FG5/ROYALI	943007	4	TO		40.00	INR		8100-FG5
	ATY 8100-FG5/TOOLS	943001	3	KG		45.00	INR		8100-FG5
ORD 702669						420.00	INR		
						420.00	INR		

Actual OH Calculation-CO42

Actual Overhead Calculation: Product Cost Collector

Material: 8100-FG5
 Plant: 8100
 Production Process No: PVersion:PV01

Parameters
 Period: 6
 Fiscal Year: 2016

Processing Options
☐ Test Run
☒ Detail Lists
☒ Dialog display

Display ORD 702669 6/2016: Item - Conditions

Item: 1
 View: 1 Pricing Elements: Table
 Quantity: 0.000
 Net: 4,044.00 INR
 Tax: 0.00

N...	ChTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
81-2		Conversion Costs					3,370.00	INR			0	0		0.00		<input type="checkbox"/>
81-3		Quality Control Cost	10.000	%			337.00	INR			0	0		0.00		<input type="checkbox"/>
81-4		Research & Dev Cost	10.000	%			337.00	INR			0	0		0.00		<input type="checkbox"/>
		GM	0.00	INR		1	4,044.00	INR			0	0		0.00		<input type="checkbox"/>

Variance Calculation-KKS6 - Individual Processing

Variance Calculation: Initial Screen

Material: 8100-FG5 8100-FG5
 Plant: 8100 8100-MFG Plant
 Prod. Proc. No.: PVersion:PV01

Parameters

Period: 6
 Fiscal Year: 2016
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period: 6 Fiscal year: 2016 Messages: 1 Currency: INR
 Version: 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8...	PCC 8100-FG5/8100/...	11,280.00	8,684.00	11,280.00	0.00	0.00	2,596.00-

KK87 - Individual Processing

Actual Settlement: Product Cost Collector

Material: 8100-FG5
 Plant: 8100
 Production Process No: PVersion:PV01



Parameters

Settlement period: 6 Posting period:
 Fiscal Year: 2016

Processing Options

☐ Background Processing
☐ Test Run
☒ Detail List
☒ Check trans. data

Layouts

Actual Settlement: Product Cost Collector Detail listBasic list    Sender  Receiver Accounting documents  Settlement rule      Save  Select

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 702669	PRODUCT VERSION-1	MAT 8100/8100-FG5	2,596.00-	
		PSG 0000000021	2,596.00-	Variances

Process Costing- Product Cost By Period

Repetitive mfg process

2). with reporting points consideration

Configuration Settings:

Define Repetitive Manufacturing Profiles-OSP2

REM Profile: 0003 REM Profile Name: Auto.c.collector/report.points

Production type: PKMN

Control data 1 Control data 2 Movement types

General

☒ GI backflush at GR posting

☒ RP backflush

☒ Mandatory ☐ Optional

☐ RP Confirmation w/o Kanban

☐ RP Confirmation with Kanban and Manufal Posting

☐ RP Confirmation with Kanban Only

☒ Automatic GR posting at last RP when backflushing

Process control:

Error Correction for Backflushing

☒ Create cumulated postprocessing records

☐ Also create individual postprocessing records

☒ Execute correction in dialog mode

☐ Mandatory ☒ Optional

Cost Accounting

☒ Post activities

☒ Backflush using standard cost estimate for material

☐ Using data from prelim. costing f. prod. cost collector

Define Results Analysis Keys-OKG1







Change View "Results Analysis Keys": Overview

New Entries

RA Key	Text
FERT	WIP Calculation for Production Orders
FERT-P	WIP at Plan Costs (Reporting Points)
KUND	RA for Sales Orders (Product Costing)
KUND1	RA for Sales Orders (Standard Prod.)
PRD001	Pharma R&D Results Analysis 01

Define Results Analysis Versions-OKG9

Change View "Results Analysis Versions": Details

New Entries      

CO Area RA Version

Actual Results Analysis/WIP Calculation

☒ Version Relevant to Settlement ☒ Transfer to Financial Accounting

Multiple Valuation

Legal Valuation

Extended Control On

Cost Elements On Technical RA Cost Element

Define Valuation Method (Target Costs)-OKGD

Change View "Valuation Method for Work in Process": Overview

CO Area	RA Vers...	RA Key	Status	Status Nu...	RA Type
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
2000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
2000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana

Valuation type

Which method should be used to valuate WIP?

Actual costs ☒ Target costs ☐ Cancel

Change View "Valuation Method for Work in Process": Overview

	CO Area	RA Vers...	RA Key	Status	Status Nu...	RA Type
1	1000	0	2000	REL	1	WIP Calculation on Basis of Actual Costs
1	1000	0	2000	DLV	2	Cancel Data of WIP Calculation and Results Ana
1	1000	0	2000	TECO	3	Cancel Data of WIP Calculation and Results Ana
1	New creation WIP valuation					WIP Calculation on Basis of Actual Costs
1	CO Area	8100				Cancel Data of WIP Calculation and Results Ana
1	RA Version	0				Cancel Data of WIP Calculation and Results Ana
1	RA Key	FERT-P				WIP Calculation on Basis of Target Costs
2						WIP Calculation on Basis of Actual Costs
2						Cancel Data of WIP Calculation and Results Ana

Change View "Valuation Method for Work in Process": Overview
 New Entries






	CO Area	RA Vers...	RA Key	Status	Status Nu...	RA Type
	8100	0	FERT-P	REL	2	WIP Calculation on Basis of Target Costs
	8100	0	FERT-P	DLV	3	Cancel Data of WIP Calculation and Results Ana
	8100	0	FERT-P	PREL	1	WIP Calculation on Basis of Target Costs
	8100	0	FERT-P	TECO	4	Cancel Data of WIP Calculation and Results Ana

Assignment of Valuation Variant for WIP**Change View "Valuation Variant for WIP at Target Cost": Overview**






	CO Area	RA Vers...	RA Key	Valuation Variant for WIP at Target Cost
	8100	0	FERT-P	001
	8900	0	FERT-P	

Define Line IDs**Change View "Line IDs for Results Analysis or WIP Calculation": Overview**
 New Entries













	CO Area	Line ID	Name
	8100	ABR	Settled Costs
	8100	EK	Direct Costs
	8100	EL	Revenues
	8100	FK	Production Costs

Define Assignment-OKGB

Change View "Assignment of Cost Elements for WIP and Results Analysis"

 New Entries



	CO ...	RA ...	RA Key	Masked Co...	Ori...	Masked Co...	Mask...	Business Proc.	D	V	Appo...	Acco...	Valid-Fr...	ReqToCap	OptToCap	CannotBeCap
	8100	0		0000300+++	++++			+++++	+	+	+	++	001.1993	EL		
	8100	0		00004++++	++++			+++++	+	+	+	++	001.1993	EK		
	8100	0		0000921+++	++++			+++++	+	+	+	++	001.1993	ABR		
	8100	0		0000931+++	++++	+++++	+++++	+++++	+	+	+	++	001.1993	FK		
	8100	0		0000941+++	++++	+++++	+++++	+++++	+	+	+	++	001.1993	GK		
	8100	0		0000943+++	++++	+++++	+++++	+++++	+	+	+	++	001.1993	FK		

Define Update-OKG4

Change View "Update of WIP Calculation and Results Analysis": Overview									
New Entries									
COAr	Van	RA Key	LID	Creation	Usage	ApptNo	UM		
<input type="checkbox"/>	8100	0	FERT-P ABR N						
<input type="checkbox"/>	8100	0	FERT-P EK K	WIP	931001				
				Reserves	931002				
<input type="checkbox"/>	8100	0	FERT-P EL N						
<input type="checkbox"/>	8100	0	FERT-P FK K	WIP	931003				
				Reserves	931004				
<input type="checkbox"/>	8100	0	FERT-P GK K	WIP	931005				
				Reserves	931006				

Define Posting Rules for Settling Work in Process-OKG8

Change View "Posting Rules in WIP Calculation and Results Analysis": 0										
New Entries										
CO A...	Com...	RA Ve...	RA categ...	Bal./Cr...	Cost Elem...	Recor...	P&L Acct	BalSheetAcct	Ac...	
8100	8100	0	WIPR			0	300520	200500		

Testing-Material Master Creation

Create Material 8100-FG7 (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 3 **MRP 4** Forecasting Work scheduling Prod.resources/t...

Material 8100-FG7 8100-FG7

Plant 8100 8100-MFG Plant

Stor. Loc. 8100 8100-S.Location

BOM explosion/dependent requirements

Selection method Individual/coll. Version Indicator

Component scrap (%) Requirements group MRP dep.requirements

ProdVersions

Discontinued parts

Discontin. ind. Eff.-out Follow-up matl

Repetitive manufacturing / assembly / deployment strategy

☒ Repetitive mfg REM profile 0003 Action control

Fair share rule Push distribution Deployment horizon

KP26

Change Activity Type/Price Planning: Overview Screen

Line items Change Values

Version 0 Plan/Act - Version

Period 6 To 6

Fiscal Year 2016

Cost Center 8100-FG7 8100-FG7

Activ...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T EquiNo	A
DEPREC		1		1	HR	10.00		00001	1			943011	1	1
F.RENT		1		1	HR	15.00		00001	1			943005	1	1
FUEL		1		1	KWH	20.00		00001	1			943009	1	1
ILAB		1		1	HR	10.00		00001	1			943004	1	1
LABOUR		1		1	HR	15.00		00001	1			943003	1	1
LUBRIC		1		1	KG	20.00		00001	1			943002	1	1
PMRENT		1		1	HR	10.00		00001	1			943006	1	1
POWER		1		1	KWH	15.00		00001	1			943008	1	1
REPAIR		1		1	HR	20.00		00001	1			943012	1	1
ROYALI		1		1	TO	10.00		00001	1			943007	1	1
TOOLS		1		1	KG	15.00		00001	1			943001	1	1
WATER		1		1	L	20.00		00001	1			943010	1	1

CS01-Bill of Material

Create material BOM: General Item Overview

Material: 8100-FG7 8100-FG7
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...
0010	L	8100-RM1	8100-RM1	2	EA			15.06.2016	31.12.9999		
0020	L	8100-RM2	8100-RM2	3	EA			15.06.2016	31.12.9999		
0030	L	8100-PACK	8100-PACK	1	EA			15.06.2016	31.12.9999		
0040	L										
0050	L										

CA01-Routing

Create Routing: Operation Overview

Material: 8100-FG7 8100-FG7 Grp.Count1
 Sequence: 0

Operation Overv.

Op...	SOp	Work c...	Plnt	Contro...	Standar...	Description	L...	P...	Cl...	O...	P...	C...	S...	Ba
0010		8100-FG7	8100	PP99										1
0020		8100-FG7	8100	PP99										1
0030			8100											1
0040			8100											1

Click on Component Allocation-F7

Material Component Overview

Material: 8100-FG7 100 8100-FG7
 Group: Sequence: 0 8100-FG7
 BOM: 00003875 Alt.BOM: 1

Item Overview

P..	L...	Path	Ite...	Component	Quantity	So
	0	0	0010	8100-RM1	2	
	0	0	0020	8100-RM2	3	
	0	0	0030	8100-PACK	1	

Select item 0010 and click on new assignment (F5),

Material Component Overview

Material: 8100-FG7 8100 8100-FG7
 Group: Sequence 0 8100-FG7
 BOM: 00003875 Alt.BOM 1

Item Overview

P...	L...	Path	Ite...	Component	Quantity	Sort String	U...	I...	B...	Ope...	Seq.	C Mz
<input type="checkbox"/>	0	0	0010	8100-RM1	2		EA	L				81
<input type="checkbox"/>	0	0	0020	8100-RM2	3		EA	L				81
<input type="checkbox"/>	0	0	0030	8100-PACK	1		EA	L				81

New Assignment dialog box:

Assign to:
 Oper./Act.: 10 Sequence: 0

After selecting operation and sequence will appear

Material Component Overview

Material: 8100-FG7 8100 8100-FG7
 Group: Sequence 0 8100-FG7
 BOM: 00003875 Alt.BOM 1

Item Overview

P...	L...	Path	Ite...	Component	Quantity	Sort String	Un...	I...	Ba...	Oper./...	Seq.	C Material Description
<input type="checkbox"/>	0	0	0010	8100-RM1	2		EA	L	<input type="checkbox"/>	0010	0	8100-RM1
<input type="checkbox"/>	0	0	0020	8100-RM2	3		EA	L				8100-RM2
<input type="checkbox"/>	0	0	0030	8100-PACK	1		EA	L				8100-PACK

Similarly second and third also we can do

Material Component Overview

Material: 8100-FG7 8100 8100-FG7
 Group: Sequence 0 8100-FG7
 BOM: 00003875 Alt.BOM 1

Item Overview

P...	L...	Path	Ite...	Component	Quantity	Sort String	Un...	I...	Backf...	Oper./...	Seq.	C Material Description
<input type="checkbox"/>	0	0	0010	8100-RM1	2		EA	L	<input checked="" type="checkbox"/>	0010	0	8100-RM1
<input type="checkbox"/>	0	0	0020	8100-RM2	3		EA	L	<input checked="" type="checkbox"/>	0020	0	8100-RM2
<input type="checkbox"/>	0	0	0030	8100-PACK	1		EA	L	<input checked="" type="checkbox"/>	0020	0	8100-PACK

Now Production Version mapping-MM02

Production Version Details

Production Version: PV01 **PRODUCT VERSION-1** Check 15.06.2016

Basic data

Prod.vers.locked: Not locked

From lot size: To lot size:

Valid from: 15.06.2016 Valid to: 31.12.2099

Planning data

	Task List Type	Group	Group Counter	Check stat
Detailed planning	N Routing	50001640	1	○○○
Rate-based planning				
Rough-Cut Planning				

Bill of material

Alternative BOM: 1 BOM Usage: 1 ○○○

Apportionment Struct:

Repetitive Manufacturing

☒ REM allowed Production line: Planning ID:

Other data

Other header mat.: Issue stor. location:

Distribution Key: Receiv. location:

OB Reference Materl: Default supply area:

Continue Previous Version Next Version Cancel

CK11N-Cost estimation

Display Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG7 8100-FG7

Plant: 8100

Costing Structure: 8100-FG7

- 8100-RM1
- 8100-RM2
- 8100-PACK

Costs Based On: 1 Costing Lot Size 1 EA

Cost Components for Material 8100-FG7 Plant 8100

CC	Name of Cost Comp.	Σ	Overall Σ	Fixed Σ	Variable Σ	Crcy
10	Raw Material	500.00			500.00	INR
20	Processing Material					INR
30	Packing Material	120.00			120.00	INR
40	Tools	15.00		15.00		INR
50	Lubricants					INR
60	Direct Labour	180.00		180.00		INR
70	Indirect Labour	10.00		10.00		INR
80	Factory Rent	15.00		15.00		INR
90	Plant & Machine Rent					INR
100	Royalties					INR
110	Power	150.00		150.00		INR
120	Fuel					INR
130	Water					INR
140	Depreciation	100.00		100.00		INR
150	Repairs & Maintance					INR
160	Quality Control Cost	47.00		47.00		INR
170	Research & Dev Cost	47.00		47.00		INR
	Total	1,184.00		564.00	620.00	INR

KKF6N-Product Cost Collector creation

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100

Selection

Material 8100-FG7 to

Plant 8100 8100-MFG Plant

Create Product Cost Collector

Material 8100-FG7 8100-FG7

Plant 8100 8100-MFG Plant

Order Type RM01

Controlling level for material

☒ Production version

☐ BOM/routing

☐ Production Plant/Planning Plan

Characteristics for production process

Planning plant 8100 8100-MFG Plant

Production Version PV01

Create Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
 - 8100-FG7
 - PRODUCT VERSION-1

Selection

Material 8100-FG7 to

Plant 8100 8100-MFG Plant

Data Header Production Process

Description PRODUCT VERSION-1

Company Code 8100 8100-Company Code

Material 8100-FG7 8100-FG7

Order Type RM01 Product Cost Collectors

Order TM0000000001

External order no.

Functional Area 0100 Manufacturing

Created by WIPRO_FI WIPRO_FI

Created on 15.06.2016

Last changed by

Changed on

System status

Orders/PV Cost Estimate Settlement Rule

Costs

Create Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
 - 8100-FG7
 - PRODUCT VERSION-1

Selection

Material: 8100-FG7 to

Plant: 8100 8100-MFG Plant

Create product cost collector

Create a preliminary cost estimate for the product cost collector?

Yes No Cancel

Order Type: RM01 Product Cost Collectors

Order: TM0000000001

External order no.:

Functional Area: 0100 Manufacturing

Created by: WIPRO_FI WIPRO_FI

Created on: 15.06.2016

Last changed by:

Changed on:

Change Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
 - 8100-FG7
 - PRODUCT VERSION-1

Selection

Material: 8100-FG7 to

Plant: 8100 8100-MFG Plant

Data Header Production Process

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
4	E	8100-FG7 8100-FG7 FUEL	943009	0.00	0.00	INR	0	K...
5		8100-FG7 8100-FG7 WATER	943010	0.00	0.00	INR	0	L
7		8100-FG7 8100-FG7 DEPREC	943011	0.00	0.00	INR	0.0	HR
8		8100-FG7 8100-FG7 LABOUR	943003	120.00	120.00	INR	8.0	HR
9		8100-FG7 8100-FG7 POWER	943008	75.00	75.00	INR	5	K...
10		8100-FG7 8100-FG7 FUEL	943009	0.00	0.00	INR	0	K...
11		8100-FG7 8100-FG7 WATER	943010	0.00	0.00	INR	0	L
14		8100-FG7 TOOLS	943001	15.00	15.00	INR	1	KG
15		8100-FG7 ILAB	943004	10.00	10.00	INR	1.0	HR
16		8100-FG7 F.RENT	943005	15.00	15.00	INR	1.0	HR
	E			470.00	470.00	INR		
17	G	8100-FG5 941001	941001	47.00	47.00	INR		
18		8100-FG5 941002	941002	47.00	47.00	INR		
	G			94.00	94.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
12		8100 8100-RM2	400000	300.00	0.00	INR	3	EA
13		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
	M			620.00	0.00	INR		
				1,184.00	564.00	INR		

Actual Activities

Goods Receipt Quanti: 10 EA [Yield Confirm.](#)

Material: 8100-FG7 8100-FG7

Plant: 8100 Production Version: PV01

Material	De...	Qua...	E...	Plant	St...	Supply Area	Ba...	Item	O.	O.	P	D	M...	S	Sales Ord.	Sales...	WBS Elem.
8100-RM1	0...	22	EA	8100	8100			0010	0	0	H	261				0	

Activity Confirmation

Posting Actual Activities

Navigation: Difference New row Delete Row Change work center

Header Data

Order: 702671

Material Number: 8100-FG7 8100-FG7

Oper./Act.: 0010

☐ Suboperation exists ☒ Milestone indicator

Work center: 8100-FG7 Plant: 8100

Activities

	Curr. t/b Conf.	Un. Planned t/b Conf.	Un. Activity Type
<input checked="" type="checkbox"/> Machine Hr	105.0	100.0	HR DEPREC
<input checked="" type="checkbox"/> Labor Hr	45.0	40.0	HR LABOUR
<input checked="" type="checkbox"/> Power KWH	50.0	50.0	KWH POWER

REM Confirmation - Transaction Variant: None

Post with Correction Details Scrap Documents Doc-Specific Cancellation Doc.-Neutral Reversal Initial Screen

Confirmation Type

☒ Assembly backflush ☐ Component backflush ☐ Activity backflush

Yield Confirm

Conf. Qty

GI posted with document 4900003182 and activities

Message no. RM215

Make-to

Material

Plant

No goods receipt happened until final operation done.

KKAS – Calculate

Calculate Work in Process: Object List						
Basic List WIP Explanation WIP Quantity Document						
Exception	Cost Object	Typ	Crcy	Σ WIP (Cumul.)	Σ WIP (Period)	Material
	PCC 8100-FG7/8100/100119412	I	INR	5,300.00	5,300.00	8100-FG7
	Order Type RM01			5,300.00	5,300.00	
	Plant 8100			5,300.00	5,300.00	
		INR		5,300.00	5,300.00	

Click on WIP Explanation

Explanation: Work in Process

Plant	8100	8100-MFG Plant
Order	702671	PRODUCT VERSION-1
Year/Period	2016 / 006	
Currency	INR	Rupee
Material Number	8100-FG7	
Production Version	0001/001/00417	

OpAc	Cost Element	Name	Origin	Σ WIP (total)	Σ WIP (fixed)	Input quantity	Unit
	941001	Quality Control Cost	8100-FG5	275.00	275.00		
	941002	Research & Dev Cost	8100-FG5	275.00	275.00		
				550.00	550.00		
0010	400000	R.Material Consum	8100/8100-RM1	2,000.00		20	EA
	943001	Tools	8100-FG7/TOOLS	150.00	150.00	10	KG
	943004	Indirect Labour	8100-FG7/ILAB	100.00	100.00	10.0	HR
	943005	Factory Rent	8100-FG7/F.RENT	150.00	150.00	10.0	HR
	943011	Depreciation	8100-FG7/DEPREC	1,000.00	1,000.00	100.0	HR
	943003	Direct Labour	8100-FG7/LABOUR	600.00	600.00	40.0	HR
	943008	Power	8100-FG7/POWER	750.00	750.00	50	KWH
0010				4,750.00	2,750.00		
				5,300.00	3,300.00		

KK87 - Individual Processing- Settlement

Actual Settlement: Product Cost Collector	
Material	8100-FG7
Plant	8100
Production Process No	PVersion:PV01
Parameters	
Settlement period	6
Fiscal Year	2016
Posting period	
Processing Options	
<input type="checkbox"/> Background Processing	
<input type="checkbox"/> Test Run	
<input checked="" type="checkbox"/> Detail List	
<input checked="" type="checkbox"/> Check trans. data	

Actual Settlement: Product Cost Collector Detail list

Basic list Accounting documents Settlement rule

Detail list - Settled values

Senders	Short text: Sender	Receivers	Σ ValCOArCur	Inform.
ORD 702671	PRODUCT VERSION-1	MAT 8100/8100-FG7	625.00-	
			625.00-	

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number Company Code Fiscal Year

Document Date Posting Date Period

Reference Cross-Comp.No.

Currency Texts exist ☐ Ledger Group

Co...	Itm	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Profit Center	S
8100	1	81		300500	COGM	625.00	INR			702671	8100	
	2	93		400410	Production VAR A/C	625.00-	INR				8100	
	3	50		300520	Change in stock WIP	5,300.00-	INR				8100	
	4	40		200500	Work In Process A/C	5,300.00	INR				8100	

Now Second Operation Confirmation-MFBB**REM Confirmation - Transaction Variant: None**

Post with Correction Details Scrap Documents Doc-Specific Cancellation Doc.-Neutral Reversal Initial Screen

Confirmation Type

☒ Assembly backflush ☐ Component backflush ☐ Activity backflush

Yield Confirm.

Conf. Qty Unit of Meas.

Posting Header

Posting Date

Document Date Selection of Production Reporting Points

Doc. Header T

Make-to-Stock ☒ Make-to-Order ☐ Production by Lot ☐

Material

Plant Production Version

Planning plant Date of Manufacture

To location To batch

☒ RP backflush Reporting Point

RPnt	Confirmed qty	Un	Description
0010 10		EA	
0020 0		EA	

REM Confirmation - Transaction Variant: None

Actual Activities

Goods Receipt Quanti EA [Yield Confirm.](#)

Material 8100-FG7

Plant Production Version

Material	Descript...	Qu...	E...	Plant	St...	Supply Area	Ba...	Item	O.	O.	P	D	M...	S	Sales Ord.	Sales...	WBS Elem.
8100-PACK	8100-PAC	14	EA	8100	8100			0030	0	0	H	261				0	
8100-RM2	8100-RM2	32	EA	8100	8100			0020	0	0	H	261				0	

Actual Activities

REM Confirmation - Transaction Variant: None

Post with Correction
 Details
 Scrap
 Documents
 Doc-Specific Cancellation
 Doc.-Neutral Revers

Confirmation Type

☒ Assembly backflush
 ☐ Component backflush
 ☐ Activity backflush

Yield Confirm. Posting Header

Conf Operation Selection for Backflushing Actual Activities

Selection of operations whose activities to be changed
Unselected operations will be posted using target activities

Seqs.	Op.	SubO	WorkCntr	Description
	0020		8100-FG7	

Coll. Entry
 BBD
 RP Stocks

Posting Actual Activities

⏪ ⏩ Difference New row Delete Row Change work center

Header Data

Order
 Material Number 8100-FG7
 Oper./Act.
☐ Suboperation exists ☒ Milestone indicator
 Work center Plant

Activities

	Curr. t/b Conf.	Un. Planned t/b Conf.	Un. Activity Type
<input type="checkbox"/> Machine Hr	<input type="text"/>	HR 0.0	HR DEPREC
<input checked="" type="checkbox"/> Labor Hr	80.0	HR 80.0	HR LABOUR
<input checked="" type="checkbox"/> Power KWH	52	<input type="text" value="KWH"/> 50.0	KWH POWER
<input type="checkbox"/> Fuel kwh	<input type="text"/>	KWH 0.0	KWH FUEL
<input type="checkbox"/> Water L	<input type="text"/>	L 0.0	L WATER

Reason

REM Confirmation - Transaction Variant: None

Post with Correction
 Details
 Scrap
 Documents
 Doc-Specific Cancellation
 Doc.-Neutral Reverse

Confirmation Type

☒ Assembly backflush
 ☐ Component backflush
 ☐ Activity backflush

Yield Confirm.

Conf. Qty Unit of Meas.

Posting Header

Posting Date
 Document Date
 Doc.Header Text

☒ Make-to-Stock
 ☐ Make-to-Order
 ☐ Production by Lot

Material

Plant Production Version

Planning plant Date of Manufacture SLED/BBD

To location To batch

☐ RP backflush Reporting Point

Coll. Entry

RP Stocks

Selection Data

Planned order Revision Level
 Production line Planning ID

☒ GR and GI with document 4900003183 and activities posted

Now Final Operation Completed. So GRN happened

REM Confirmation - Transaction Variant: None

Performance Assistant

GR and GI with document 4900003183 and activities posted

Message no. RM191

System Response

The system has posted the goods receipt for the material and the goods issues for the components. Furthermore, it has updated the activities for document 4900003183.

Now Display –KKF6N

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

8100

8100-FG7

PRODUCT VERSION

Selection

Material 8100-FG7 to

Plant 8100 8100-MFG Plant

Transaction (Text)	Origin	Origin (Text)	Σ Total target costs	Σ Total actual costs	Σ Target/actual var.	T/I var(%)	Currency
Confirmations	8100-FG7/LABOUR	8100-FG7 / Direct Labour	1,800.00	1,875.00	75.00	4.17	INR
	8100-FG7/POWER	8100-FG7 / Power	1,500.00	1,530.00	30.00	2.00	INR
	8100-FG7/DEPREC	8100-FG7 / Depreciation	1,000.00	1,050.00	50.00	5.00	INR
	8100-FG7/TOOLS	8100-FG7 / Tools	150.00	0.00	150.00-	100.00-	INR
	8100-FG7/ILAB	8100-FG7 / Indirect Labour	100.00	0.00	100.00-	100.00-	INR
	8100-FG7/F.RENT	8100-FG7 / Factory Rent	150.00	0.00	150.00-	100.00-	INR
Confirmations			4,700.00	4,455.00	245.00-		INR
Goods Issues	8100/8100-RM1	8100-RM1	2,000.00	2,200.00	200.00	10.00	INR
	8100/8100-RM2	8100-RM2	3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-PACK	8100-PACK	1,200.00	1,680.00	480.00	40.00	INR
Goods Issues			6,200.00	7,080.00	880.00		INR
Goods Receipt	8100/8100-FG7	8100-FG7	0.00	11,840.00-	11,840.00-		INR
Goods Receipt			0.00	11,840.00-	11,840.00-		INR
Overhead	8100-FG5	8100-FG5	470.00	0.00	470.00-	100.00-	INR
	8100-FG5	8100-FG5	470.00	0.00	470.00-	100.00-	INR
Overhead			940.00	0.00	940.00-		INR
Settlement		(without origin)	0.00	625.00			INR
Settlement			0.00	625.00	625.00		INR
			11,840.00	320.00	11,520.00-		INR

Template Allocation- CPTE - Individual Processing

Actual Template Allocation: Product Cost Collector

Material 8100-FG7

Plant 8100

Production Process No PVersion:PV01

Parameters

Version 0 Plan/Act - Version

Period 6

Fiscal Year 2016

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Product Cost Collector**Actual Template Allocation: Product Cost Collector****Result**

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 702671	ATY 8100-FG7/F.RENT	943005	2.0	HR	30.00	INR		8100-FG7
	ATY 8100-FG7/ILAB	943004	2.0	HR	20.00	INR		8100-FG7
	ATY 8100-FG7/TOOLS	943001	2	KG	30.00	INR		8100-FG7
ORD 702671					80.00	INR		
					80.00	INR		

CO42 - Individual Processing- Overhead**Actual Overhead Calculation: Product Cost Collector**

Material 8100-FG7

Plant 8100

Production Process No PVersion:PV01

Parameters

Period 6

Fiscal Year 2016

Processing Options☐ Test Run☒ Detail Lists☒ Dialog display

Display ORD 702671 6/2016: Item - Conditions

Item View Quantity Net INR Tax

Pricing Elements														
N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OU	CCon...	Un	Condition value
		81-2 Conversion Costs					4,535.00	INR			0		0	0.00
		81-3 Quality Control Cost	10.000	\$			453.50	INR			0		0	0.00
		81-4 Research & Dev Cost	10.000	\$			453.50	INR			0		0	0.00
		GM	0.00	INR		1	5,442.00	INR			0		0	0.00

Work in Process- KKAS – Calculate

Calculate Work in Process: Individual Processing

Material 8100-FG7
Plant 8100-MFG Plant
Production Process

Parameters

WIP to Period
Fiscal Year
☒ All RA Versions ☐ RA Version

Processing Options

☐ Background Processing
☐ Test Run
☒ Log Information Messages
☐ Save Log

Calculate Work in Process: Object List

Basic List WIP Explanation WIP Quantity Document

Exception	Cost Object	Typ	Crcy	Σ	WIP	Σ WIP (chg)	Material
	PCC 8100-FG7/8100/100119412	I	INR		0.00	0.00	8100-FG7
	Order Type RM01				0.00	0.00	
	Plant 8100				0.00	0.00	
			INR		0.00	0.00	

Variances- KKS6 - Individual Processing**Variance Calculation: Initial Screen**

Material 8100-FG7 8100-FG7
 Plant 8100 8100-MFG Plant
 Prod. Proc. No. Version:PV01

Parameters

Period 6
 Fiscal Year 2016
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements


Period 6 Fiscal year 2016 Messages 1 Currency INR
 Version 0 Target Cost Version (0) 10 Company code currency



Plant	Cost Object	Target Costs	Actual Costs	Allocated Acti	Work in Process	Scrap	Variance
8100	PCC 8100-FG7/8100/100119412	11,840.00	12,522.00	11,840.00	0.00	0.00	682.00


Settlement- KK87 - Individual Processing

Actual Settlement: Product Cost Collector



Material

Plant

Production Process No 

Parameters

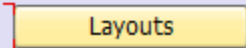
Settlement period Posting period

Fiscal Year

Processing Options






☐ Background Processing

☐ Test Run

☒ Detail List 


☒ Check trans. data

Actual Settlement: Product Cost Collector Detail list

Basic list   Sender  Receiver Accounting documents  Settlement rule 

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 702671	PRODUCT VERSION-1	MAT 8100/8100-FG7	1,307.00	
		PSG 0000000023	682.00	Variances

Display Document: Data Entry View

 Display Currency General Ledger View

Data Entry View

Document Number	14	Company Code	8100	Fiscal Year	2016
Document Date	15.06.2016	Posting Date	30.06.2016	Period	6
Reference		Cross-Comp.No.			
Currency	INR	Texts exist	<input type="checkbox"/>	Ledger Group	



Co...	Itm	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Profit Center
8100	1	91		300500	COGM	1,307.00-	INR			702671	8100
	2	83		400410	Production VAR A/C	1,307.00	INR				8100
	3	40		300520	Change in stock WIP	5,300.00	INR				8100
	4	50		200500	Work In Process A/C	5,300.00-	INR				8100

Process Costing- Product Cost By Period

3). Decoupling Scenario

**(Combination of Production Order and
Product Cost Collector)**

Configuration

Define Order Types

Change View ""Maintain Production Order Types"": Details

New Entries

Order category

Order Type PP Production Order (Cost.Coll.)(Int.)

Control Indicator

CO Partner Update

☒ Classification

☐ Commitments Mgmt

Reorganization

Residence Time 1

Residence Time 2

Cost Controlling

Settlement Profile 8100-Settlement Profile

Functional Area Manufacturing

☐ Coll.Order with Goods Movement

Define order type-dependent parameters

Change View "Order Type-Dependent Parameters: Overview": Details of Se

Plant mburg

Order Type PP Production Order (Cost.Coll.)(Int.)

Cost Accounting

Cstg variant planned Production Order - Plan ☒ Cost Collector
 Cstg variant actual Production Order - Actual
 Results Analysis Key WIP Calculation for Production Orders
 Planned Cost Calc. Determine Planned Costs When Saving ☐ Net Order Price

Distribution Rule

Default Rule Production Mat.Period.settlm.

Define Checking Control-OPJK

Change View "Order control": Details of Selected Set

Plant Hamburg

Order Type PP Production Order (Cost.Coll.)(Int.)

Availability Check Check availability during order creation

Material availability

☒ No check

☐ Check material availability when saving order

Checking Rule PP checking rule

Component Check Type ☐ TP check

Collect. conversion Creation even though no material is available

Change View "Order control": Details of Selected Set

Plant Hamburg

Order Type PP Production Order (Cost.Coll.)(Int.)

Availability Check Check availability during order release

Material availability

☒ No check

☐ Status check

☐ Check material availability when saving order







Checking Rule PP checking rule

Component Check Type ATP check

Release material User decides on release if parts are missing

Define Confirmation Parameters-OPK4


Change View "Parameters for Order Confirmation": Details

New Entries      

Plant Hamburg
 Order Type PP Production Order (Cost.Coll.)(Int.)

Generally Valid Settings | Individual Entry General | Indiv. Entry of Operation...

Control

Process Control 

☐ Generated Confirmations w/o Quantity Adjustments

Checks

TESTING-Material Master

Display Material 8100-FG8 (Finished product)


 Additional Data  Org. Levels

MRP 3 | MRP 4 | Work scheduling | Plant data / stor. 1 | P...

Material 

Plant 8100-MFG Plant
 Stor. Loc. 8100-S.Location 

BOM explosion/dependent requirements

Selection method ☐ Component scrap (%)
 Individual/coll. ☐ Requirements group ☐
☐ Version Indicator  ProdVersions MRP dep.requirements ☐

Discontinued parts

Discontin. ind. ☐ Eff.-out Follow-up matl

Repetitive manufacturing / assembly / deployment strategy

☐ Repetitive mfg REM profile Action control ☐
 Fair share rule ☐ Push distribution Deployment horizon

Average plant stock  Material memo  ☐ Material memo exists

Here Not required Production Version and Repetitive mfg check box, because this is no repetitive mfg. process.

CS01

Display material BOM: General Item Overview

Subitems | New Entries | Header | Validity

Material: 8100-FG8 00-FG8
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material | Document | General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	S
0010	L	8100-RM1	8100-RM1	2	EA			15.06.2016	31.12.9999			
0020	L	8100-RM2	8100-RM2	3	EA			15.06.2016	31.12.9999			
0030	L	8100-PACK	8100-PACK	1	EA			15.06.2016	31.12.9999			

KP27

Display Activity Type/Price Planning: Overview Screen

Line items

Version: 0 Plan/Act - Version
 Period: 6 To: 6
 Fiscal Year: 2016
 Cost Center: 8100-FG8 8100-FG8

Ex	Activi...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T	EquiNo	Act. sched.	L..
	DEPREC	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943011	1	1	0.0	
	F.RENT	0.0	1	0.0	1	HR	15.00	0.00	00001	1			943005	1	1	0.0	
	FUEL	0	1	0	1	KWH	20.00	0.00	00001	1			943009	1	1	0	
	ILAB	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943004	1	1	0.0	
	LABOUR	0.0	1	0.0	1	HR	15.00	0.00	00001	1			943003	1	1	0.0	
	LUBRIC	0	1	0	1	KG	20.00	0.00	00001	1			943002	1	1	0	
	PMRENT	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943006	1	1	0.0	
	POWER	0	1	0	1	KWH	15.00	0.00	00001	1			943008	1	1	0	
	REPAIR	0.0	1	0.0	1	HR	20.00	0.00	00001	1			943012	1	1	0.0	
	ROYALI	0	1	0	1	TO	10.00	0.00	00001	1			943007	1	1	0	
	TOOLS	0	1	0	1	KG	15.00	0.00	00001	1			943001	1	1	0	
	WATER	0	1	0	1	L	20.00	0.00	00001	1			943010	1	1	0	

CA01

Display Routing: Operation Details

Work center | Routings | Sequences | CompAlloc | PRT

Material: 8100-FG8 8100-FG8 Grp.Count1

Operation

Operation/Activity: 0010 Suboperation:
 Work center / Plant: 8100-FG8 / 8100
 Control key: PP99 In-house prod. milestone with GR
 Standard text key:
☐ Long text exists

Standard Values

Base Quantity: 1
 Act./Operation UoM: EA
 Break: 0.000

Conversion of Units of Measure

Header Unit Operat. UoM
 1 EA <=> 1 EA

Machine Hr: 10.0 HR DEPREC
 Labor Hr: 8.0 HR LABOUR
 Power KWH: 10 KWH POWER
 Fuel kwh: 0.000 FUEL
 Water L: 0.000 WATER

CK11N

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG8 8100-FG8
Plant: 8100

Costing Structure: 8100-FG8
 • 8100-RM1
 • 8100-RM2
 • 8100-PACK

Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 8100-FG8 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG8 8100-FG8 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG8 8100-FG8 LABOUR	943003	120.00	120.00	INR	8.0	HR
3		8100-FG8 8100-FG8 POWER	943008	150.00	150.00	INR	10	K...
4		8100-FG8 8100-FG8 FUEL	943009	0.00	0.00	INR	0	K...
5		8100-FG8 8100-FG8 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG8 - TOOLS	943001	15.00	15.00	INR	1	KG
10		8100-FG8 - ILAB	943004	10.00	10.00	INR	1.0	HR
11		8100-FG8 F.RENT	943005	15.00	15.00	INR	1.0	HR
E				410.00	410.00	INR		
12	G	8100-FG5 941001	941001	41.00	41.00	INR		
13		8100-FG5 941002	941002	41.00	41.00	INR		
G				82.00	82.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	300.00	0.00	INR	3	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				620.00	0.00	INR		
				1,112.00	492.00	INR		

CK24-Released Standard Cost estimation

Price Update: Release Standard Price

Ex... Material: 8100-FG8 Plant: 8100 Valuation Type: FR Standard price: 1,112.00 Price Unit: 1 Currency: INR

KKF6N

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors: 8100

Selection: Material: 8100-FG8 to Plant: 8100 8100-MFG Plant

Data Header Production Process

Profit Center: Business Area: Cstg variant planned: Cstg variant actual: Costing Sheet: Overhead key: Results Analysis Key: Variance Key:

Display Product Cost Collector

Create Product Cost Collector

Material: 8100-FG8 8100-FG8
 Plant: 8100 8100-MFG Plant
 Order Type: RM01 Product Cost Collectors

Controlling level for material

☐ Production version
☒ BOM/routing
☐ Production Plant/Planning Plan

Characteristics for production process

Planning plant: 8100 8100-MFG Plant
 BOM Usage: 1
 Alternative BOM: 1
 Task List Type: N Routing
 Group: 50001641
 Group Counter: 1

Confirm Cancel

Here instead of Selecting Production Version at Controlling Level for Material select Radio Button BOM/routing and Characteristics for Production process as BOM and Routing Manually.

Create Product Cost Collector

Create product cost collector

Material: 8100-FG8 to
 Plant: 8100 8100-MFG Plant

Selection

Product Cost Collectors

8100

8100-FG8

BOM:1/01 Routing:N

g:N/50001641/01
 Company Code
 8100-FG8
 Cost Collectors

External order no.
 Functional Area: 0100 Manufacturing

Created by: WIPRO_FI WIPRO_FI
 Created on: 15.06.2016
 Last changed by:
 Changed on:

System status

Orders/PV Cost Estimate Settlement Rule
 Costs

Yes No Cancel

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
 - 8100-FG8
 - BOM:1/01 Routing:N

Selection

Material 8100-FG8 to

Plant 8100 8100-MFG Plant

Data Header Production Process

Description BOM:1/01 Routing:N/50001641/01

ItemNo	Item Cat.	Resource	Cost Element	Total Value	Fixed Value	Currency	Quantity	Un
1	E	8100-FG8 8100-FG8 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG8 8100-FG8 LABOUR	943003	120.00	120.00	INR	8.0	HR
3		8100-FG8 8100-FG8 POWER	943008	150.00	150.00	INR	10	KWH
4		8100-FG8 8100-FG8 FUEL	943009	0.00	0.00	INR	0	KWH
5		8100-FG8 8100-FG8 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG8 TOOLS	943001	15.00	15.00	INR	1	KG
10		8100-FG8 ILAB	943004	10.00	10.00	INR	1.0	HR
11		8100-FG8 F.RENT	943005	15.00	15.00	INR	1.0	HR
E				410.00	410.00	INR		
12	G	8100-FG5 941001	941001	41.00	41.00	INR		
13		8100-FG5 941002	941002	41.00	41.00	INR		
G				82.00	82.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	300.00	0.00	INR	3	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				620.00	0.00	INR		
				1,112.00	492.00	INR		

Now Production Order Creation with Order type-PP08

Production order Display: Header

Material Capacity

Order 60004055 Type PP08

Material 8100-FG8 8100-FG8 Plant 8100

Status REL MANC PCC

User Status RLAL

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

Quantities

Total Qty 10 EA Scrap Portion 0 0.00 %

Delivered 0 Short/Exc. Rcpt 0

Dates/Times

Basic Dates Scheduled Confirmed

End 15.06.2016 00:00 15.06.2016 00:00

Start 15.06.2016 00:00 15.06.2016 00:00

Release 15.06.2016 15.06.2016

Scheduling

Type 2 Backwards

Reduction No reduction carried out

Floats

Sched. Margin Key 000

Float Bef. Prdn 0 Workdays

In Control Data Tab we can see Product Cost Collector tab, this is link between production order and product cost collector. That's why this process is called De-Coupling Scenario.

Production Confirmation –CO11N for Production Order

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: **123995**
 Order: **60004055** Material: **8100-FG8** 8100-FG8
 Operation: **0010** Sequence: **0**
 Suboperation:
 Capacity Cat.:
 Split:
 Work Center: **8100-FG8** Plant: **8100** 8100-FG8

Confirm.type: **X Final confirmation** ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	100.0	HR	<input type="checkbox"/>
Labor Hr	80.0	HR	<input type="checkbox"/>
Power KWH	100	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>

Materials GI & GR will be done

Enter Confirmation for Production Order: Goods Movements

Order: **60004055** Status: **REL**
 Material Number: **8100-FG8** 8100-FG8
 Oper./Act.: **0010** Sequence: **0**
 Confirmation: **123995** Plant: **8100** Work center: **8100-FG8**

Goods Movements Overview

Material	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...	SLED/E.	Date
8100-FG8	EA	8100	8100			S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8100-RM1	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8100-RM2	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8100-PACK	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Enter Time Ticket for Production Order

Confirmation

Order Material

Operation Sequence

Suboperation

Capacity Cat. Split

Work Center Plant

Confirm.type ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	<input type="text"/>	<input type="text"/>
Scrap	<input type="text"/>	<input type="text"/>
Rework	<input type="text"/>	<input type="text"/>
Reason for Var.	<input type="text"/>	<input type="text"/>

Activities

	To Be Confirmed	Unit	R
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Personnel

Personnel No. Time ID

☒ Confirmation saved (Goods movements: 4, failed: 0)

Confirmation got saved. But this entire actual cost as Actual Material Cost, Activity Cost and Goods receipt not updating in Production Order. That Expenses indirectly booked to Product Cost Collector

CO03

Production order Display: Header

Order Type Plant

User Status

General **Assignment** **Goods Receipt** **Control** **Dates/Qties** **Master Data** **Long T**

Quantities

Total Qty	<input type="text" value="10"/> EA	Scrap Portion	<input type="text" value="0"/> <input type="text" value="0.00"/>
Delivered	<input type="text" value="10"/>	Short/Exc. Rcpt	<input type="text" value="0"/>

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	<input type="text" value="15.06.2016"/>	<input type="text" value="00:00"/>	<input type="text" value="15.06.2016"/>	<input type="text" value="00:00"/>	<input type="text" value="15.06.2016"/>	
Start	<input type="text" value="15.06.2016"/>	<input type="text" value="00:00"/>	<input type="text" value="15.06.2016"/>	<input type="text" value="00:00"/>	<input type="text" value="15.06.2016"/>	<input type="text" value="09:38"/>
Release			<input type="text" value="15.06.2016"/>		<input type="text" value="15.06.2016"/>	

Scheduling

Type

Reduction

Note

Priority ☐

Floats

Sched. Margin Key	<input type="text" value="000"/>
Float Bef. Prdn	<input type="text" value="0"/> Workdays
Float After Prdn	<input type="text" value="0"/> Workdays
Release Period	<input type="text" value="0"/> Workdays

☒ The order has no planned costs

KKF6N

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

8100

8100-FG8

BOM:1/01 Routing:N

Selection

Material 8100-FG8 to

Plant 8100 8100-MFG Plant

Data Header Production Process

Description BOM:1/01 Routing:N/50001641/01

Transaction (Text)	Origin	Origin (Text)	Σ Total target costs	Σ Total actual costs	Σ Target/actual var.	T/I var(%)	Currency
Confirmations	8100-FG8/LABOUR	8100-FG8 / Direct Labour	1,200.00	1,200.00	0.00		INR
	8100-FG8/POWER	8100-FG8 / Power	1,500.00	1,500.00	0.00		INR
	8100-FG8/DEPREC	8100-FG8 / Depreciation	1,000.00	1,000.00	0.00		INR
	8100-FG8/TOOLS	8100-FG8 / Tools	150.00	0.00	150.00-	100.00-	INR
	8100-FG8/ILAB	8100-FG8 / Indirect Labour	100.00	0.00	100.00-	100.00-	INR
	8100-FG8/F.RENT	8100-FG8 / Factory Rent	150.00	0.00	150.00-	100.00-	INR
Confirmations			4,100.00	3,700.00	400.00-		INR
Goods Issues	8100/8100-RM1	8100-RM1	2,000.00	2,100.00	100.00	5.00	INR
	8100/8100-RM2	8100-RM2	3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-PACK	8100-PACK	1,200.00	1,440.00	240.00	20.00	INR
Goods Issues			6,200.00	6,740.00	540.00		INR
Goods Receipt	8100/8100-FG8	8100-FG8	0.00	11,120.00-	11,120.00-		INR
Goods Receipt			0.00	11,120.00-	11,120.00-		INR
Overhead	8100-FG5	8100-FG5	410.00	0.00	410.00-	100.00-	INR
	8100-FG5	8100-FG5	410.00	0.00	410.00-	100.00-	INR
Overhead			820.00	0.00	820.00-		INR
			11,120.00	680.00-	11,800.00-		INR

Template Allocation- CPTE - Individual Processing

Actual Template Allocation: Product Cost Collector

Material 8100-FG8

Plant 8100

Production Process No BOM:1/01 Routing:N/50001641/01

Parameters

Version 0 Plan/Act - Version

Period 6

Fiscal Year 2016

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Product Cost Collector

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ Ttl Fx+Vbl value	CAC	COCr	Template
ORD 702672	ATY 8100-FG8/F.RENT	943005	2.0	HR	30.00	INR		8100-FG8
	ATY 8100-FG8/ILAB	943004	2.0	HR	20.00	INR		8100-FG8
	ATY 8100-FG8/TOOLS	943001	2	KG	30.00	INR		8100-FG8
ORD 702672					80.00	INR		
					80.00	INR		

Overhead- CO42 - Individual Processing

Actual Overhead Calculation: Product Cost Collector

Material: 8100-FG8
 Plant: 8100
 Production Process No: BOM:1/01 Routing:N/50001641/01

Parameters
 Period: 6
 Fiscal Year: 2016

Processing Options
☐ Test Run
☒ Detail Lists
☒ Dialog display

Display ORD 702672 6/2016: Item - Conditions

Item: 1
 View: 1 Pricing Elements: Table
 Quantity: 0.000
 Net:
 Tax:

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	C
81-2		Conversion Costs					3,780.00	INR			0		0	
81-3		Quality Control Cost	10.000	%			378.00	INR			0		0	
81-4		Research & Dev Cost	10.000	%			378.00	INR			0		0	
		GM	0.00	INR		1	4,536.00	INR			0		0	

Variances-KKS6 - Individual Processing

Variance Calculation: Initial Screen

Material: 8100-FG8 8100-FG8
 Plant: 8100 8100-MFG Plant
 Prod. Proc. No.: BOM:1/01 Routing:N/50001641/01

Parameters
 Period: 6
 Fiscal Year: 2016
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options
☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency

Version 10 Company code currency

Plant Cost Object Target Costs Actual Costs Allocated Actl Work in Process Scrap Variance

8...	PCC 8100-FG8/8100/...	11,120.00	11,276.00	11,120.00	0.00	0.00	156.00
------	-----------------------	-----------	-----------	-----------	------	------	--------

KKF6N

Display Product Cost Collector

Cost Change Costing

Product Cost Collectors

- 8100
- 8100-FG8
- BOM:1/01 Routing:N

Selection

Material Plant 8100-MFG Plant

Data Header Production Process

Description BOM:1/01 Routing:N/50001641/01

Transaction (Text)	Origin	Origin (Text)	Σ Total target costs	Σ Total actual costs	Σ Target/actual var.	T/I var(%)	Currency
Confirmations	8100-FG8/TOOLS	8100-FG8 / Tools	150.00	30.00	120.00-	80.00-	INR
	8100-FG8/LABOUR	8100-FG8 / Direct Labour	1,200.00	1,200.00	0.00		INR
	8100-FG8/ILAB	8100-FG8 / Indirect Labour	100.00	20.00	80.00-	80.00-	INR
	8100-FG8/F.RENT	8100-FG8 / Factory Rent	150.00	30.00	120.00-	80.00-	INR
	8100-FG8/POWER	8100-FG8 / Power	1,500.00	1,500.00	0.00		INR
	8100-FG8/DEPREC	8100-FG8 / Depreciation	1,000.00	1,000.00	0.00		INR
Confirmations			4,100.00	3,780.00	320.00-		INR
Goods Issues	8100/8100-RM1	8100-RM1	2,000.00	2,100.00	100.00	5.00	INR
	8100/8100-RM2	8100-RM2	3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-PACK	8100-PACK	1,200.00	1,440.00	240.00	20.00	INR
Goods Issues			6,200.00	6,740.00	540.00		INR
Goods Receipt	8100/8100-FG8	8100-FG8	11,120.00-	11,120.00-	0.00		INR
Goods Receipt			11,120.00-	11,120.00-	0.00		INR
Overhead	8100-FG5	8100-FG5	410.00	378.00	32.00-	7.80-	INR
Overhead	8100-FG5	8100-FG5	410.00	378.00	32.00-	7.80-	INR
Overhead			820.00	756.00	64.00-		INR
			0.00	156.00	156.00		INR

Settlement-KK87 - Individual Processing

Actual Settlement: Product Cost Collector

Material

Plant

Production Process No

Parameters

Settlement period Posting period

Fiscal Year

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail List

☒ Check trans. data

Actual Settlement: Product Cost Collector Detail list

Basic list Accounting documents

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 702672	BOM:1/01 Routing:N/50001641/01	MAT 8100/8100-FG8	156.00	
		PSG 0000000025	156.00	Variances

Display Document: Data Entry View

Display Currency

Data Entry View

Document Number	15	Company Code	8100	Fiscal Year	2016
Document Date	15.06.2016	Posting Date	30.06.2016	Period	6
Reference		Cross-Comp.No.			
Currency	INR	Texts exist	<input type="checkbox"/>	Ledger Group	

Co...	Item	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Profit Center	Segment
8100	1	91		300500	COGM	156.00	INR			702672	8100	
	2	83		400410	Production VAR A/C	156.00	INR				8100	

KKF6N**Display Product Cost Collector**

Cost

Product Cost Collectors
 8100
 8100-FG8
 BOM:1/01 Routing:N

Transaction (Text)	Origin	Origin (Text)	Total target costs	Total actual costs	Target/actual var.	T/I var(%)	Currency
Confirmations	8100-FG8/TOOLS	8100-FG8 / Tools	150.00	30.00	120.00-	80.00-	INR
	8100-FG8/LABOUR	8100-FG8 / Direct Labour	1,200.00	1,200.00	0.00		INR
	8100-FG8/LAB	8100-FG8 / Indirect Labour	100.00	20.00	80.00-	80.00-	INR
	8100-FG8/F.RENT	8100-FG8 / Factory Rent	150.00	30.00	120.00-	80.00-	INR
	8100-FG8/POWER	8100-FG8 / Power	1,500.00	1,500.00	0.00		INR
	8100-FG8/DEPREC	8100-FG8 / Depreciation	1,000.00	1,000.00	0.00		INR
Confirmations			4,100.00	3,780.00	320.00-		INR
Goods Issues	8100/8100-RM1	8100-RM1	2,000.00	2,100.00	100.00	5.00	INR
	8100/8100-RM2	8100-RM2	3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-PACK	8100-PACK	1,200.00	1,440.00	240.00	20.00	INR
Goods Issues			6,200.00	6,740.00	540.00		INR
Goods Receipt	8100/8100-FG8	8100-FG8	11,120.00-	11,120.00-	0.00		INR
Goods Receipt			11,120.00-	11,120.00-	0.00		INR
Overhead	8100-FG5	8100-FG5	410.00	378.00	32.00-	7.80-	INR
Overhead	8100-FG5	8100-FG5	410.00	378.00	32.00-	7.80-	INR
Overhead			820.00	756.00	64.00-		INR
Settlement		(without origin)	0.00	156.00-	156.00-		INR
Settlement			0.00	156.00-	156.00-		INR
Settlement			0.00	0.00	0.00		INR



Job Costing

Product Cost by Sales order

1). Sales orders without Controlling and Valuated inventory


Check Costing Variants for Product Costing-OKY9

Change View "Costing Variants": Details



 

Costing Variant  

Control Qty Struct. Update Assignments Misc.

Costing Type		18 Sales order costing
Valuation Variant		001 Planned valuation - mat.
Date Control		PC07 Sales order costing
Qty Struct. Control		Std qty struct. determ.1
Transfer Control		

Change View "Valuation Variants (Organizational-Unit-Dependent)": Data


 

Valuation Variant


in plant

Material val. Internal acty Subcontracting Ext. Processing Overhead Misc.

Overhead on Finished and Semifinished Materials

Costing Sheet 

Overhead on Material Components

Costing Sheet 

☐ Overhead on Subcontracted Materials

Check Account Assignment Categories-OME9

Change View "Account Assignment Categories": Details

New Entries

Acct Assignment Cat. **E** Customer indiv. reqt

Detailed information

☐ Acct.assg.changeable ☐ Consumption posting **E** ☐ Distribution ☐

☐ AA Chgable at IR ☐ Acct modification **VBR** ☐ Partial invoice ☐

☐ Derive acct. assgt. ☐ ID: AcctAssgt Scrn **1** ☐ Single account assig

☐ Del.CstsSep. ☐ Special Stock **E** ☐ Orders on hand

☒ Goods Receipt ☐ GR non-valuated ☒ Invoice Receipt

☒ GR Ind. Firm ☐ GR NonVal. Firm ☐ IR Ind. Firm

Fields

Field Label	Mand.Ent.	Opt.Entry	Display	Hidden
Asset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Asset Subnumber	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Budget Period	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Business Area	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business partner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Business process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
CO/PP Order	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Commitment Item	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Cost Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Change View "Account Assignment Categories": Details

New Entries

Acct Assignment Cat. **M** Ind. cust. w/o KD-CO

Detailed information

☐ Acct.assg.changeable ☐ Consumption posting ☐ ☐ Distribution ☐

☐ AA Chgable at IR ☐ Acct modification **VKA** ☐ Partial invoice ☐

☐ Derive acct. assgt. ☐ ID: AcctAssgt Scrn **1** ☐ Single account assig

☐ Del.CstsSep. ☐ Special Stock **E** ☐ Orders on hand

☒ Goods Receipt ☐ GR non-valuated ☒ Invoice Receipt

☒ GR Ind. Firm ☐ GR NonVal. Firm ☐ IR Ind. Firm

Fields

Field Label	Mand.Ent.	Opt.Entry	Display	Hidden
Asset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Asset Subnumber	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Budget Period	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Business Area	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business partner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Business process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Check Requirements Classes-OVZG

Change View "Requirements Classes": Details

Reqmts class: 811 MTO-Non SO C.Object

Requirements	
Avail. Check	<input checked="" type="checkbox"/>
Req. transfer	<input checked="" type="checkbox"/>
Allocation ind.	<input type="checkbox"/>
Prod.allocation	<input type="checkbox"/>
Ind.req.reductn	<input type="checkbox"/>
No MRP	<input type="checkbox"/>
Avail. Check ICON	<input type="checkbox"/>

Assembly	
Assembly type	3
Order costing	<input type="checkbox"/>
Automatic plng	<input type="checkbox"/>
Special Stock	E
Order Type	PP01
Avail.components	<input type="checkbox"/>
Type comp.check	<input type="checkbox"/>
Online assembly	<input type="checkbox"/>
Capacity check	<input type="checkbox"/>
No update	<input type="checkbox"/>
OCM	<input type="checkbox"/>

Configuration	
Configuration	<input type="checkbox"/>
Cons.of config.	<input type="checkbox"/>

Change View "Requirements Class for Costing and Account Assignment": D

Reqmts class: 811 MTO-Non SO C.Object

Costing	
Costing	X
Costing ID	B
Costing Method	1
Costing Variant	PPC4
Costing Sheet	
Copy Costing Sheet	<input type="checkbox"/>
CndTypLineItems	EK02
CondTypLinItFix	

Account assignment	
Acct Assignment Cat.	M
Valuation	M
Without Val. Strategy	<input type="checkbox"/>
Settlement profile	
Strategy Sequence	
Changeable	<input type="checkbox"/>
Results Analysis Key	
Functional Area	

Assembly / Requirements	
Assembly type	3
Sales order costing	<input type="checkbox"/>
Automatic plng	<input type="checkbox"/>

Here Requirement Class 811-Sales Orders without Controlling and vaulted inventory & Assembly type 3 for Production order will create automatically when sales order creation.

Check Requirements Types-OVZH

Change View "Requirements Types": Overview of Selected Set				
New Entries				
RqTy	Requirements type	ReqCl	Description	
811	MTO-Non SO Cost Object Vaulted	811	MTO-Non SO C.Object	

Check Planning Strategies- OPPS

Change View "Strategy": Details of Selected Set			
New Entries			
Strategy B1 S.Orders without Controlling and vaulted			
Requirements type of independent requirements			
Reqmts type for indep.reqmts	<input type="text"/>		
Reqmts class	<input type="text"/>		
Consumption	<input type="checkbox"/>		
Planning Ind.	<input type="checkbox"/>		
Requirements type of customer requirements			
Reqmt type of customer reqmt	811	MTO-Non SO Cost Object Vaulted	
Requirements class	811	MTO-Non SO C.Object	
Allocation indicat.	<input type="checkbox"/>		
No MRP	<input type="checkbox"/>	Requirement planned	<input checked="" type="checkbox"/> Availability check
Acct Assgt Cat.	M		<input checked="" type="checkbox"/> Requirement transfer
Settlement profile	<input type="text"/>		<input type="checkbox"/> Req. Reduct.
Results analysis key	<input type="text"/>		
Assembly order			
Assembly type	3	Production order (dynamic processin...	Online assembly <input type="checkbox"/>
Order Type	PP01		Capacity Check <input type="checkbox"/>
			<input type="checkbox"/> Component availability

Check Strategy Groups-OPPT

Change View "Strategy Groups": Details

New Entries

Strategy group B1 S.Orders without Controlling and vaulted

Planning Strategies

Main Strategy	B1	S.Orders without Controlling and vaulted
Strategy		
Strategy		
Strategy		
Strategy		
Strategy		
Strategy		
Strategy		

Create Results Analysis Keys-OKG1

Change View "Results Analysis Keys": Overview of Selected Set

New Entries

RA Key	Text
KUND	RA for Sales Orders (Product Costing)

Define Results Analysis Versions-OKG2

Change View "Results Analysis Versions": Details

New Entries

CO Area 8100 RA Version 0 Plan/Act - Version

Actual Results Analysis/WIP Calculation

☒ Version Relevant to Settlement ☒ Transfer to Financial Accounting

Multiple Valuation

Legal Valuation

Extended Control On

Cost Elements On Technical RA Cost Element 931000

Define Valuation Methods for Results Analysis-OKG3

New Entries: Details of Added Entries

CO Area RA Version RA Key

Results Analysis Method
Revenue-Based Method - With Profit Realization

Status Control

Results Analysis with Status	<input type="text" value="REL"/>	Released
Cancel Inventory w/Status	<input type="text" value="FNBL"/>	Final billing
Cancel Inventory/Reserves with Status	<input type="text" value="TECO"/>	Technically completed

Profit Basis

☐ Plan Value of Obj. and Dependent Objects
☒ Sales Order Cost Estimate
☐ Std Price of Material for Sales Order

Valuation Level

☐ Valuation at Totals Level
☒ Valuation at Line ID Level

Minimum Values

Capitalized Costs/WIP	<input type="text"/>
Reserves for Unrealized Costs	<input type="text"/>
Reserves for Commissions/Complaints	<input type="text"/>
Reserves for Imminent Loss	<input type="text"/>

Define Line IDs

Change View "Line IDs for Results Analysis or WIP Calculation": Overvi

New Entries







CO Area	Line ID	Name
8100	ABR	Settled Costs
8100	EK	Direct Costs
8100	EL	Revenues
8100	FK	Production Costs
8100	GK	Overhead

Define Assignment for Results Analysis-OKG5







Change View "Assignment of Cost Elements for WIP and Results Analysis"

	CO ...	RA ...	RA Key	Masked Co...	Ori...	Masked Co...	Mask...	Business Proc.	D	V	Appo...	Acco...	Valid-Fr...	ReqToCap	OptToCap
	8100	0		0000300+++	++++			+++++	+	+	++	++	001.1993	EL	
	8100	0		00004++++	++++			+++++	+	+	++	++	001.1993	EK	
	8100	0		0000921+++	++++			+++++	+	+	++	++	001.1993	ABR	
	8100	0		0000931+++	++++	+++++	+++++	+++++	+	+	++	++	001.1993	FK	
	8100	0		0000941+++	++++	+++++	+++++	+++++	+	+	++	++	001.1993	GK	
	8100	0		0000943+++	++++	+++++	+++++	+++++	+	+	++	++	001.1993	FK	

Define Update for Results Analysis-OKG4






Change View "Update of WIP Calculation and Results Analysis": Overview													
New Entries      													
COAr	Vsn	RA Key	LID	Creation	Usage	ApptNo	UM						
<input type="checkbox"/> 8100	0	KUND	ABR	N									
<input type="checkbox"/> 8100	0	KUND	EK	K	WIP	931001							
					Reserves	931002							
					COS/Revenue	931007							
<input type="checkbox"/> 8100	0	KUND	EL	E									
					COS/Revenue	931010							
<input type="checkbox"/> 8100	0	KUND	FK	K	WIP	931003							
					Reserves	931004							
					COS/Revenue	931008							
<input type="checkbox"/> 8100	0	KUND	GK	K	WIP	931005							
					Reserves	931006							
					COS/Revenue	931009							

Define Posting Rules for Settlement to Financial Accounting-OKG8

Change View "Posting Rules in WIP Calculation and Results Analysis": 0									
New Entries      									
CO A...	Com...	RA Ve...	RA categ...	Bal./Cr...	Cost Elem...	Recor...	P&L Acct	BalSheetAcct	Ac...
8100	8100	0	RUCR			0	300521	200501	
8100	8100	0	RUCO			0	300521	200501	
8100	8100	0	COSR			0	300521	200501	

Create Allocation Structure-OKO6





Change View "Assignments": Overview

Other CO Area New Entries     






Dialog Structure

- Allocation structures
 - Assignments**
 - Source
 - Assessment Cost Element
 - Settlement cost elements

Allocation structure 81 8100 -ALLOCATION STR

Assignment	Text	Overla...
10	Material Costs	
20	Conversion Cost	
30	Over Head Cost	
40	Result Analysis/WIP	

Change View "Source": Details

Other CO Area     


Dialog Structure

- Allocation structures
 - Assignments
 - Source**
 - Assessment Cost Element
 - Settlement cost elements






Alloc.structure 81 8100 -ALLOCATION STR

Assignment 40 Result Analysis/WIP

CO Area 8100 8100-Company Code

From cost el. 931000 To cost elem. 931099 Cost Elem.Group 

Change View "Settlement cost elements": Overview

Other CO Area New Entries     

Dialog Structure

- Allocation structures
 - Assignments
 - Source
 - Assessment Cost Element
 - Settlement cost elements**

Allocation structure 81 8100 -ALLOCATION STR

Assignment 40 Result Analysis/WIP

Controlling Area 8100 8100-Company Code

Receiver cat.	By cost element	Settlement cost elem	Name
PSG	<input type="checkbox"/>	921010	S.Order Settlement
OIT	<input checked="" type="checkbox"/>		
G/L	<input checked="" type="checkbox"/>		
SDI	<input type="checkbox"/>	921010	S.Order Settlement

Create PA Transfer Structure-KEI1

Change View "Assignment lines": Overview of Selected Set

Other CO Area New Entries Variable List

Dialog Structure

- PA transfer structures
 - Assignment lines
 - Source
 - Value fields

PA transfer str. PA settlement, production var.
 CO Area 8100-Company Code

Assgnmnt	Text	Qty billed/deliv...	Source assigned	Value field assign
100	COSR	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Change View "Source": Details

Other CO Area Variable List

Dialog Structure

- PA transfer structures
 - Assignment lines
 - Source
 - Value fields

PA transfer str. PA settlement, production var.
 PATransStrAssig. COSR
 CO Area 8100-Company Code

Cost Element

From To
 Group

Source

☒ Costs / revenue
☐ Variances on production orders
 Variance category
☐ Acct. indic. on service orders
 Accounting Indicator

Change View "Value fields": Overview

Other CO Area New Entries Variable List

Dialog Structure

- PA transfer structures
 - Assignment lines
 - Source
 - Value fields

PA transfer str. PA settlement, production var.
 PA TransStructAssig. COSR
 Operating concern 8100-Operating Concern

Quantity/value	Fl...	Value fld	Name
1 Value field ▾	3	VVC27	COSR

Create Settlement Profile-OKO7

Change View "Settlement Profile": Details		
New Entries		
Settlement profile <input type="text" value="8100"/> <input type="text" value="8100-Settlement Profile"/>		
Actual Costs/Cost of Sales <input checked="" type="radio"/> To Be Settled in Full <input type="radio"/> Can Be Settled <input type="radio"/> Not for Settlement		Valid Receivers G/L account <input type="text" value="1 Settlement Optional"/> Cost center <input type="text" value="1 Settlement Optional"/> Order <input type="text" value="1 Settlement Optional"/> WBS element <input type="text" value="Settlement Not Allowed"/> Fixed asset <input type="text" value="Settlement Not Allowed"/> Material <input type="text" value="1 Settlement Optional"/> Network <input type="text" value="Settlement Not Allowed"/> Profit. Segment <input type="text" value="1 Settlement Optional"/> Sales order <input type="text" value="1 Settlement Optional"/> Cost objects <input type="text" value="Settlement Not Allowed"/> Order Item <input type="text" value="1 Settlement Optional"/> Business proc. <input type="text" value="Settlement Not Allowed"/> Real Est. Object <input type="text" value="Settlement Not Allowed"/>
Default Values Allocation structure <input type="text" value="81"/> 8100 -ALLOCATI... Source structure <input type="text" value=""/> PA transfer str. <input type="text" value="E1"/> PA settlement, ... Default object type <input type="text" value="G/L"/> G/L account		Other Parameters Document type <input type="text" value="SA"/> G/L account document Max.no.dist.rls <input type="text" value="3"/> Residence time <input type="text" value="12"/> Months
Indicators <input checked="" type="checkbox"/> 100%-validation <input checked="" type="checkbox"/> %-Settlement <input checked="" type="checkbox"/> Equivalence numbers <input checked="" type="checkbox"/> Amount settlement <input checked="" type="checkbox"/> Variances to Costing-Based PA		

Testing

MM01

Create Material 8100-FG9 (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...

Material: 8100-FG9 8100-S Orders without Control & valued

Plant: 8100 8100-MFG Plant

Forecast Requirements

Period Indicator: M Fiscal Year Variant: Splitting indicator:

Planning

Strategy group: B1 S.Orders without Controlling and vaulted

Consumption mode: Bwd consumption per:

Fwd consumption per: Mixed MRP:

Planning material: Planning plant:

Plng conv. factor: Planning matl BUnit:

Availability check

Availability check: KP Tot. repl. lead time: days

Cross-project:

Plant-specific configuration

CS01-

Create material BOM: General Item Overview

Subitems New Entries Header Validity

Material: 8100-FG9 8100-S Orders without Control & valued

Plant: 8100 8100-MFG Plant

Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	Sort
0010	L	8100-RM1	8100-RM1	2	EA			15.06.2016	31.12.9999			
0020	L	8100-RM2	8100-RM2	3	EA			15.06.2016	31.12.9999			
0030	L	8100-PACK	8100-PACK	1	EA			15.06.2016	31.12.9999			

KP26

Change Activity Type/Price Planning: Overview Screen

Line items Change Values

Version: 0 Plan/Act - Version: 6
 Period: 6 To: 6
 Fiscal Year: 2016
 Cost Center: 8100-FG9 8100-FG9

Acti...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T EquiNo	Act. sched.	L..
DEPREC		1		1	HR	10.00		00001	1			943011	1 1	0.0	
F.RENT		1		1	HR	15.00		00001	1			943005	1 1	0.0	
FUEL		1		1	KWH	20.00		00001	1			943009	1 1	0	
ILAB		1		1	HR	10.00		00001	1			943004	1 1	0.0	
LABOUR		1		1	HR	15.00		00001	1			943003	1 1	0.0	
LUBRIC		1		1	KG	20.00		00001	1			943002	1 1	0	
PMRENT		1		1	HR	10.00		00001	1			943006	1 1	0.0	
POWER		1		1	KWH	15.00		00001	1			943008	1 1	0	
REPAIR		1		1	HR	20.00		00001	1			943012	1 1	0.0	
ROYALI		1		1	TO	10.00		00001	1			943007	1 1	0	
TOOLS		1		1	KG	15.00		00001	1			943001	1 1	0	
WATER		1		1	L	20.00		00001	1			943010	1 1	0	

CR01

Create Work Center: Cost Center Assignment

HRMS Hierarchy Template

Plant: 8100 8100-MFG Plant
 Work center: 8100-FG9 8100-FG9

Basic Data Default Values Capacities Scheduling Costing

Validity

Start date: 15.06.2016 End Date: 31.12.9999

Link to cost center/activity types

Controlling Area: 8100 8100-Company Code
 Cost Center: 8100-FG9 8100-FG9

Activities Overview

Alt. activity descr.	R...	Form...	Formula description	Form...	Formula description
Machine Hr	<input type="checkbox"/>	8881	Machine HR	8881	Machine HR
Labor Hr	<input type="checkbox"/>	8882	Labor HR	8882	Labor HR
Power KWH	<input type="checkbox"/>	8883	Power KWH	8883	Power KWH
Fuel kwh	<input type="checkbox"/>	8884	Fuel Kwh	8884	Fuel Kwh
Water L	<input type="checkbox"/>	8885	Water L	8885	Water L
	<input type="checkbox"/>				

CA01

Create Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material 8100-FG9 8100-S Orders without Control & valued Grp.Count1

Operation

Operation/Activity 0010 Suboperation

Work center / Plnt 8100-FG9 / 8100 8100-FG9

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity 1

Act./Operation UoM EA

Break

Conversion of Units of Measure

Header	Unit	Operat.	UoM
1	EA	<=>	1 EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10.0	HR	DEPREC	
Labor Hr	8.0	HR	LABOUR	
Power KWH	10	KWH	POWER	
Fuel kwh			FUEL	
Water L			WATER	

Business Process

Create Sales Order-VA01

Create Standard Order: Overview

Orders Document

Standard Order Net value 0.00 INR

Sold-To Party A8100 8100-Customer //

Ship-To Party A8100 8100-Customer //

PO Number PO date 15.06.2016

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. delv.date D 15.06.2016 Deliver.Plant 8100 8100-MFG Plant

☐ Complete div. Total Weight 1 KG

Delivery block Volume 0.000

Billing block Pricing date 15.06.2016

Payment card Exp.date

Card Verif.Code

Payment terms 0001 Special Payment T.. Incoterms CFR hyd

Order reason

All items

Item	Material	Order Quantity	Un	Description	S	Customer Material Numb	ItCa	DGIP	HL Itm	D First date	Plnt	Batch	CnTy	Amou
10	8100-FG9	1	EA	8100-S Orders without			IAN			D 15.06.2016	8100		PR00	
										D 15.06.2016				

Group

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
Material: 8100-FG9 8100-S Orders without Control & valued

Sales A Sales B Shipping Billing Document Conditions Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 0.00 INR Tax: 0.00

N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OU	CCon...	Un	Condition value	CdCur	S...
		Net Value 3	0.00	INR		1 EA	0.00	INR			0 EA		0 EA	0.00		
		AZWR Down Pay./Settlement	0.00	INR			0.00	INR			0		0	0.00		
		Total	0.00	INR		1 EA	0.00	INR			0 EA		0 EA	0.00		
		SKTO Cash Discount	0.000				0.00	INR			0		0	0.00		
		VPRS Cost	0.00	INR		1 EA	0.00	INR			1 EA		1 EA	0.00	INR	
		Profit Margin	0.00	INR		1 EA	0.00	INR			0 EA		0 EA	0.00		

Condition rec. Analysis Update

In Sales Order there is no VPRS condition type value.

Now do Sales order Costing in menu bar extras and Costing.

Sales Order Costing

Detail List On Costing Structure On Hold

Sales Document: INTERN Item: 10
Material: 8100-FG9
Plant: 8100

Costing Data Dates

Costing Variant: PPC4
Costing Lot Size: 1.000
Transfer Control: []

Sales Order Costing

Detail List Off Costing Structure Off Hold

Sales Document: INTERN Item: 10

Costing Structure: Material: 8100-FG9 8100-S Orders without Control & valued

Plant: 8100

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 1 Costing Lot Size 1 EA

Itemization for material 8100-FG9 in plant 8100

ItemNo	It.	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG9 8100-FG9 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG9 8100-FG9 LABOUR	943003	120.00	120.00	INR	8.0	HR
3		8100-FG9 8100-FG9 POWER	943008	150.00	150.00	INR	10	KWH
4		8100-FG9 8100-FG9 FUEL	943009	0.00	0.00	INR	0	KWH
5		8100-FG9 8100-FG9 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG9 TOOLS	943001	15.00	15.00	INR	1	KG
10		8100-FG9 ILAB	943004	10.00	10.00	INR	1.0	HR
11		8100-FG9 F.RENT	943005	15.00	15.00	INR	1.0	HR
E				410.00	410.00	INR		
12	G	8100-FG5 941001	941001	41.00	41.00	INR		
13		8100-FG5 941002	941002	41.00	41.00	INR		
G				82.00	82.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	300.00	0.00	INR	3	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				620.00	0.00	INR		
				1,112.00	492.00	INR		

Once save that sales order cost value will update in sales order EK02 condition type

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item

Material: 8100-FG9 8100-S Orders without Control & valued

Sales A Sales B Shipping Billing Document Conditions Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table

Quantity: 1 EA Net: 0.00 INR Tax: 0.00

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
		SKTO Cash Discount	0.000	\$			0.00	INR		0	0			0.00		✓
		VPRS Cost	0.00	INR		1 EA	0.00	INR		1 EA	1 EA			0.00	INR	✓
		EK02 Calculated costs	1,112.00	INR		1 EA	1,112.00	INR		1 EA	1 EA			0.00		✓
		Profit Margin	1,112.00	-INR		1 EA	1,112.00	-INR		1 EA	1 EA			0.00		

Change Standard Order 15487: Overview

Standard Order 15487 Net value 0.00 INR

Sold-To Party A8100 8100-Customer //

Ship-To Party A8100 8100-Customer //

PO Number PO date 15.06.2016

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

All items

Item	Material	Plnt	Confirmed Qty	SU	Mat.Av.Dt.	SLCa	RqTy	I. A	D	Delivery D...	N.. ATP quantity	Loading D...	Route	P.. D.	Description	Re
0	8100-FG9	8100	1 EA	15.06.2016	CE	811	0	15.06.2016				0 15.06.2016				

In Procurement tab, we can see Requirement type 811 which drives as “Sales order without controlling and vaulted scenario”

Based on the assembly type whenever sales order create automatically production will create.

COOIS

Production Order Information System

List PPIOH000 Order Headers

Layout 000000000001 Standard Layout

☒ Production Orders

☐ Planned Orders

Selection

Select. at Header Level

Production Order		to		⇌
Material		to		⇌
Production Plant		to		⇌
Planning plant		to		⇌
Order Type		to		⇌
MRP Controller		to		⇌
Prodn Supervisor		to		⇌
Production Version		to		⇌
Sold-to party		to		⇌
Sales Order	15487	to		⇌
Sales Order Item		to		⇌
WBS Element		to		⇌
Sequence number		to		⇌

Order Info System - Order Headers

Order	Material	Icon	Order Type	MRP ctrl	Pr.Superv.	Plant	Target qty	Unit	Bsc start	Basic fin. date	Type	System Status	Version	Material description
60004056	8100-FG9		PP01	810	810	8100	1	EA	15.06.2016	15.06.2016	CRTD	PRC MANC SETC		8100-S Orders without Control & valued

Click on Production Order,

We can see sales order in production order

Production order Change: Header

Material Capacity

Order: 60004056 Type: PP01
 Material: 8100-FG9 8100-S Orders without Control & valued Plant: 8100
 Status: REL PRC MANC SETC
 User Status: RLAL

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

Quantities

Total Qty: 1 EA Scrap Portion: 0.00 %
 Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

Basic Dates Scheduled Confirmed
 End: 15.06.2016 00:00 15.06.2016 00:00
 Start: 15.06.2016 00:00 15.06.2016 00:00
 Release: 15.06.2016 15.06.2016

Sales Order

Sales Order: 15487 10 0 Req.DDate: 15.06.2016 1st DDate: 15.06.2016
 Ordering Pty: A8100 8100-Customer

Scheduling Floats

Goto Cost trend

Order	60004056 8100-FG9							
Order Type	PP01 Standard Production Order (int. number)							
Plant	8100 8100-MFG Plant							
Material	8100-FG9 8100-S Orders without Control & valued							
Planned Quantity	1 EA Each							
<i>Cumulative Data</i>								
<i>Legal Valuation</i>								
<i>Company Code Currency/Object Currency</i>								
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		200.00	0.00	200.00-	100.00-	INR
	8100/8100-RM2	8100-RM2		300.00	0.00	300.00-	100.00-	INR
	8100/8100-PACK	8100-PACK		120.00	0.00	120.00-	100.00-	INR
Goods Issues			-	620.00	0.00	620.00-		INR
Confirmations	8100-FG9/TOOLS	8100-FG9 / Tools		15.00	0.00	15.00-	100.00-	INR
	8100-FG9/LABOUR	8100-FG9 / Direct Labour		120.00	0.00	120.00-	100.00-	INR
	8100-FG9/ILAB	8100-FG9 / Indirect Labour		10.00	0.00	10.00-	100.00-	INR
	8100-FG9/F.RENT	8100-FG9 / Factory Rent		15.00	0.00	15.00-	100.00-	INR
	8100-FG9/POWER	8100-FG9 / Power		150.00	0.00	150.00-	100.00-	INR
	8100-FG9/DEPREC	8100-FG9 / Depreciation		100.00	0.00	100.00-	100.00-	INR
Confirmations			-	410.00	0.00	410.00-		INR
Overhead	8100-FG5	8100-FG5		41.00	0.00	41.00-	100.00-	INR
	8100-FG5	8100-FG5		41.00	0.00	41.00-	100.00-	INR
Overhead			-	82.00	0.00	82.00-		INR
Goods Receipt	8100/8100-FG9	8100-S Orders without Control & valued		1,112.00-	0.00	1,112.00	100.00-	INR
Goods Receipt			-	1,112.00-	0.00	1,112.00		INR
			- -	0.00	0.00	0.00		INR

CO11N-Production Order Confirmation

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: **123996**
 Order: 60004056 Material: 8100-FG9 8100-S Orders without Contr...
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.:
 Split:
 Work Center: 8100-FG9 Plant: 8100 8100-FG9

Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	1	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	10.0	HR	<input type="checkbox"/>
Labor Hr	10.0	HR	<input type="checkbox"/>
Power KWH	12	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>
Water L		L	<input type="checkbox"/>

Click on Goods Movement button

Enter Confirmation for Production Order: Goods Movements

Order: 60004056 Status: REL
 Material Number: 8100-FG9 8100-S Orders without Control & valued
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 123996 Plant: 8100 Work center: 8100-FG9

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date o
8100-FG9		1 EA	8100	8100			S	101	E		8100	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM1		3 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM2		2 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK		1 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

And then SAVE

CO03

Order

60004056 8100-FG9

Order Type

PP01 Standard Production Order (int. number)

Plant

8100 8100-MFG Plant

Material

8100-FG9 8100-S Orders without Control & valued

Planned Quantity

1 EA Each

Actual Quantity

1 EA Each

Cumulative Data

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		200.00	300.00	100.00	50.00	INR
	8100/8100-RM2	8100-RM2		300.00	200.00	100.00-	33.33-	INR
	8100/8100-PACK	8100-PACK		120.00	120.00	0.00		INR
Goods Issues			■	620.00	620.00	■	0.00	INR
Confirmations	8100-FG9/TOOLS	8100-FG9 / Tools		15.00	0.00	15.00-	100.00-	INR
	8100-FG9/LABOUR	8100-FG9 / Direct Labour		120.00	150.00	30.00	25.00	INR
	8100-FG9/ILAB	8100-FG9 / Indirect Labour		10.00	0.00	10.00-	100.00-	INR
	8100-FG9/F.RENT	8100-FG9 / Factory Rent		15.00	0.00	15.00-	100.00-	INR
	8100-FG9/POWER	8100-FG9 / Power		150.00	180.00	30.00	20.00	INR
	8100-FG9/DEPREC	8100-FG9 / Depreciation		100.00	100.00	0.00		INR
Confirmations			■	410.00	430.00	■	20.00	INR
Overhead	8100-FG5	8100-FG5		41.00	0.00	41.00-	100.00-	INR
	8100-FG5	8100-FG5		41.00	0.00	41.00-	100.00-	INR
Overhead			■	82.00	0.00	■	82.00-	INR
Goods Receipt	8100/8100-FG9	8100-S Orders without Control ...		1,112.00-	1,112.00-	0.00		INR
Goods Receipt			■	1,112.00-	1,112.00-	■	0.00	INR
			■ ■	0.00	62.00-	■ ■	62.00-	INR

Now Actual Cost is appearing

We can see stock overview-MMBE

Stock Overview: Basic List

Selection

Material

8100-FG9

8100-S Orders without Control & valued

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

Qual. inspection

Reserved

Rcpt reservation

On-Order Stock

Consgt ...

Full

8100 8100-Company Code

8100 8100-MFG Plant

8100 8100-S.Location

Sales Order Stock

1.000

Template Allocation- CPTA - Individual Processing

Actual Template Allocation: Order

Order: 60004056

Parameters

Version: 0 Plan/Act - Version
 Period: 6 To: 6
 Fiscal Year: 2016

Processing Options

☐ Background Processing
☐ Test Run
☒ Detail Lists
☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Ttl Fx+Vbl value CAC	COCr	Template
ORD 60004056	ATY 8100-FG9/F.RENT	943005	2.0	HR	30.00	INR	8100-FG9
	ATY 8100-FG9/ILAB	943004	2.0	HR	20.00	INR	8100-FG9
	ATY 8100-FG9/TOOLS	943001	2	KG	30.00	INR	8100-FG9
ORD 60004056					80.00	INR	
					80.00	INR	

Overhead- KGI2 - Individual Processing

Actual Overhead Calculation: Order

Order: 60004056

Parameters

Period: 6
 Fiscal Year: 2016

Processing Options

☐ Test Run
☒ Dialog display

Display ORD 60004056 6/2016: Item - Conditions

Item View Quantity Net INR Tax

Pricing Elements																
N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
81-2		Conversion Costs					510.00	INR			0		0	0.00		
81-3		Quality Control Cost	10.000				51.00	INR			0		0	0.00		
81-4		Research & Dev Cost	10.000				51.00	INR			0		0	0.00		
		COGM	0.00	INR		1	612.00	INR			0		0	0.00		

Variances- KKS2 - Individual Processing

Variance Calculation: Initial Screen

Order 8100-S Orders without Control & valued

Parameters

Period Fiscal Year

☒ All target cost vsns ☐ Selected Target Cost Vsns

Processing options

☐ Test Run ☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency

Version 10 Company code currency

Plant	Cost Object	Tgt Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004056	1,112.00	1,232.00	1,112.00	0.00	0.00	120.00

Settlement- KO88 - Individual Processing

Actual Settlement: Order

Settlement Rule

Order

Parameters

Settlement period	<input type="text" value="6"/>	Posting period	<input type="text"/>
Fiscal Year	<input type="text" value="2016"/>	Asset value date	<input type="text"/>
Processing type	<input type="text" value="1 Automatic"/>		

Processing Options

☐ Test Run

☒ Check trans. data

Actual Settlement: Order Detail list

Basic list Accounting documents

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Additional information
ORD 60004056	8100-S Orders without Control & valuated	MAT 8100/8100-FG9	120.00	
		PSG 0000000040	120.00	Variances

Job Costing

Product Cost by Sales order

2). Sales orders with Controlling and Valuated inventory

Check Requirements Classes-OVZG

Change View "Requirements Classes": Details

Reqmts class: 812 MTO-S.Object-YES

Requirements	
Avail. Check	<input checked="" type="checkbox"/>
Req. transfer	<input checked="" type="checkbox"/>
Allocation ind.	<input type="checkbox"/>
Prod.allocation	<input type="checkbox"/>
Ind.req.reductn	<input type="checkbox"/>
No MRP	<input type="checkbox"/>
Avail. Check ICON	<input type="checkbox"/>

Assembly	
Assembly type	3
Order costing	<input type="checkbox"/>
Automatic plnng	<input type="checkbox"/>
Special Stock	E
Order Type	PP01
Avail.components	<input type="checkbox"/>
Type comp.check	<input type="checkbox"/>
Online assembly	<input type="checkbox"/>
Capacity check	<input type="checkbox"/>
No update	<input type="checkbox"/>
OCM	<input type="checkbox"/>

Configuration	
Configuration	<input type="checkbox"/>
Cons.of config.	<input type="checkbox"/>

Change View "Requirements Class for Costing and Account Assignment": D

Reqmts class: 812 MTO-S.Object-YES

Costing	
Costing	X
Costing ID	B
Costing Method	1
Costing Variant	PPC4
Costing Sheet	
Copy Costing Sheet	<input type="checkbox"/>
CndTypLineItems	EK02
CondTypLinItFix	

Account assignment	
Acct Assignment Cat.	E
Valuation	M
Without Val. Strategy	<input type="checkbox"/>
Settlement profile	8100
Strategy Sequence	
Changeable	<input type="checkbox"/>
Results Analysis Key	KUND
Functional Area	

Assembly / Requirements	
Assembly type	3
Sales order costing	<input type="checkbox"/>
Automatic plnng	<input type="checkbox"/>

Here Requirement Class

812- Sales Orders with Controlling and Vaulted inventory

Assembly type 3 for Production order will create automatically when sales order creation.

Check Requirements Types-OVZH

Change View "Requirements Types": Overview of Selected Set			
New Entries			
RqTy	Requirements type	ReqCl	Description
812	MTO-S.Object-YES Valuted	812	MTO-S.Object-YES

Check Planning Strategies-OPPS

Change View "Strategy": Details of Selected Set			
New Entries			
Strategy		B2 Sales Order with Controlling and Vaulted	
Requirements type of independent requirements			
Reqmts type for indep.reqmts			
Reqmts class			
Consumption	<input type="checkbox"/>		
Planning Ind.	<input type="checkbox"/>		
Requirements type of customer requirements			
Reqmt type of customer reqmt	812	MTO-S.Object-YES Valuted	
Requirements class	812	MTO-S.Object-YES	
Allocation indicat.	<input type="checkbox"/>		
No MRP	<input type="checkbox"/>	Requirement planned	<input checked="" type="checkbox"/> Availability check
Acct Assgt Cat.	E		<input checked="" type="checkbox"/> Requirement transfer
Settlement profile	8100		<input type="checkbox"/> Req. Reduct.
Results analysis key	KUND		
Assembly order			
Assembly type	3	Production order (dynamic processin...	Online assembly <input type="checkbox"/>
Order Type	PP01		Capacity Check <input type="checkbox"/>
			<input type="checkbox"/> Component availability

Check Strategy Groups-OPPT

Change View "Strategy Groups": Details

New Entries

Strategy group

Planning Strategies

Main Strategy	<input type="text" value="B2"/>	SaleS Order with Controlling and Vaulted
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	
Strategy	<input type="text"/>	

Template Allocation-Configuration

Create template 001 / 8100-FG10

Hide editor

Template

Environment Cost estimate/production orders

Template overview : change

Type	Description	Object	Unit	Plan quantity	Plan fix	Plan activati...	Actual quan...	Actual fix	Actual activ...	Actual alloc...
Cost Center/Activity Type	8100-FG10 / Tools	8100-FG10 / TOOLS	KG	1		ACTIVE	4		ACTIVE	
Cost Center/Activity Type	8100-FG10 / Indirect Labour	8100-FG10 / ILAB	HR	2		ACTIVE	5		ACTIVE	
Cost Center/Activity Type	8100-FG10 / Factory Rent	8100-FG10 / F.RENT	HR	3		ACTIVE	6		ACTIVE	

Change View "View for Template Determination": Overview of Selected Se

New Entries

COAr	CostSh	OH key	Environ.	Template	Name
8100	8100	8100	001	8100-FG10	8100-FG10
8100	8100	8100	008	8100-FG10	8100-FG10

Testing

Material Master Creation-MM01

Create Material 8100-FG10 (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...

Material: 8100-FG10 8100-S Orders with Control & valuated

Plant: 8100 8100-MFG Plant

Forecast Requirements

Period Indicator: M Fiscal Year Variant: Splitting indicator:

Planning

Strategy group: B2 S.Orders with Controlling and Vaulted

Consumption mode: Bwd consumption per:

Fwd consumption per: Mixed MRP:

Planning material: Planning plant:

Plng conv. factor: Planning matl BUnit:

Availability check

Availability check: KP Tot. repl. lead time: days

Cross-project:

CS01

Create material BOM: General Item Overview

Subitems New Entries Header Validity

Material: 8100-FG10 8100-S Orders with Control & valuated

Plant: 8100 8100-MFG Plant

Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	Sts	Valid From	Valid to	Change No.	P...	S
0010	L	8100-RM1	8100-RM1	3	EA			15.06.2016	31.12.9999			
0020	L	8100-RM2	8100-RM2	2	EA			15.06.2016	31.12.9999			
0030	L	8100-PACK	8100-PACK	1	EA			15.06.2016	31.12.9999			
0040	L											
0050	L											

CR01

HRMS
 Hierarchy
 Template

Plant: 8100 8100-MFG Plant
 Work center: 8100FG10 8100-S Orders with Control & valued

Basic Data Default Values Capacities Scheduling **Costing**

Validity
 Start date: 15.06.2016 End Date: 31.12.9999

Link to cost center/activity types
 Controlling Area: 8100 8100-Company Code
 Cost Center: 8100-FG10 8100-FG10

Activities Overview

Alt. activity descr.	R...	Form...	Formula description	Inc. wages ind.	Rec. type
Machine Hr	<input type="checkbox"/>	8881	Machine HR	<input type="checkbox"/>	0 Variab.
Labor Hr	<input type="checkbox"/>	8882	Labor HR	<input type="checkbox"/>	0 Variab.
Power KWH	<input type="checkbox"/>	8883	Power KWH	<input type="checkbox"/>	0 Variab.
Fuel kwh	<input type="checkbox"/>	8884	Fuel Kwh	<input type="checkbox"/>	0 Variab.
Water L	<input type="checkbox"/>	8885	Water L	<input type="checkbox"/>	0 Variab.
	<input type="checkbox"/>			<input type="checkbox"/>	0 Variab.

CA01

Create Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material: 8100-FG10 8100-S Orders with Control & valued Grp.Count1

Operation
 Operation/Activity: 0010 Suboperation: ☐
 Work center / Plant: 8100FG10 / 8100 8100-S Orders with Control & valued
 Control key: PP99 In-house prod. milestone with GR
 Standard text key: ☐ Long text exists

Standard Values

	Base Quantity	Act./Operation UoM	Break	Std Value	Un	Act. Type	Efficiency
Machine Hr	1	EA		10.0	HR	DEPREC	<input type="checkbox"/>
Labor Hr				8.0	HR	LABOUR	<input type="checkbox"/>
Power KWH				10	KWH	POWER	<input type="checkbox"/>
Fuel kwh				2	KWH	FUEL	<input type="checkbox"/>
Water L						WATER	<input type="checkbox"/>

Business Process:

Conversion of Units of Measure
 Header Unit: 1 EA Operat. Unit: 1 EA <=>

VA01-Sales Order creation

Create Standard Order: Overview

Standard Order: Net value: 0.00 INR

Sold-To Party: A8100 8100-Customer //

Ship-To Party: A8100 8100-Customer //

PO Number: PO date: 15.06.2016

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date: D 15.06.2016 Deliver.Plant: 8100

☐ Complete dlv. Total Weight: 0.000

Delivery block: Volume: 0.000

Billing block: Pricing date: 15.06.2016

Payment card: Exp.date:

Card Verif.Code:

Payment terms: 0001 Incoterms: CFR hyd

Order reason:

All items

Item	Material	Un	Description	S	Customer Material Numb	ItCa	DGIP	HL	Itm	D	First date	Plnt	Batch	CnTy
10	8100-FG10									D	22.06.2016			
										D	22.06.2016			

Create Standard Order: Overview

Standard Order: Net value: 0.00 INR

Sold-To Party: A8100 8100-Customer //

Ship-To Party: A8100 8100-Customer //

PO Number: PO date: 15.06.2016

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

All items

Item	Material	Plnt	Confirmed Qty	SU	Mat.Av.Dt.	SLCa	RqTy	I	A/D	Delivery D...	N..	ATP quantity	Loading D...	Route	P..	D.	Description	Rej
10	8100-FG10	8100	1	EA	15.06.2016	C	812		D	15.06.2016			0	15.06.2016				

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
 Material: 8100-FG10 8100-S Orders with Control & valued

Sales A Sales B Shipping Billing Document **Conditions** Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 0.00 INR Tax: 0.00

N.. CnTy Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OU	CCon...	Un	Condition value	CdCur	S...
SKTO Cash Discount	0.000	\$			0.00	INR		0		0		0.00		<input checked="" type="checkbox"/>
YERS Cost	0.00	INR		1 EA	0.00	INR		1 EA		1 EA		0.00	INR	<input checked="" type="checkbox"/>
Profit Margin	0.00	INR		1 EA	0.00	INR		0 EA		0 EA		0.00		<input type="checkbox"/>

Sales Order Costing

Sales Document: INTERN Item: 10
 Material: 8100-FG10
 Plant: 8100

Costing Data **Dates**

Costing Variant: PPC4
 Costing Lot Size: 1.000
 Transfer Control:

Sales Order Costing
 Detail List Off Costing Structure Off Hold

Sales Document: INTERN Item: 10
 Material: 8100-FG10 8100-S Orders with Control & valued
 Plant: 8100

Costing Structure: 8100-S Orders with
 • 8100-RM1
 • 8100-RM2
 • 8100-PACK

Costing Data Dates Qty Struct. Valuation History **Costs**

Costs Based On: 1 Costing Lot Size 1 EA

Itemization for material 8100-FG10 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG10 8100FG10 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG10 8100FG10 LABOUR	943003	120.00	120.00	INR	8.0	HR
3		8100-FG10 8100FG10 POWER	943008	150.00	150.00	INR	10	K.
4		8100-FG10 8100FG10 FUEL	943009	40.00	40.00	INR	2	K.
5		8100-FG10 8100FG10 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG10 TOOLS	943001	15.00	15.00	INR	1	KG
10		8100-FG10 ILAB	943004	20.00	20.00	INR	2.0	HR
11		8100-FG10 F.RENT	943005	45.00	45.00	INR	3.0	HR
E				490.00	490.00	INR		
12	G	8100-FG5 941001	941001	49.00	49.00	INR		
13		8100-FG5 941002	941002	49.00	49.00	INR		
G				98.00	98.00	INR		
6	M	8100 8100-RM1	400000	300.00	0.00	INR	3	EA
7		8100 8100-RM2	400000	200.00	0.00	INR	2	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				620.00	0.00	INR		
				1,208.00	588.00	INR		

EK02-Sales Order Cost

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
 Material: 8100-FG10 8100-S Orders with Control & valued

Sales A Sales B Shipping Billing Document **Conditions** Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 0.00 INR Tax: 0.00

Non...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur
SKTO		Cash Discount	0.000				0.00	INR			0		0	0.00	
VPRS		Cost	0.00	INR		1 EA	0.00	INR			1 EA		1 EA	0.00	INR
EK02		Calculated costs	1,208.00	INR		1 EA	1,208.00	INR			1 EA		1 EA	0.00	
		Profit Margin	1,208.00	INR		1 EA	1,208.00	INR			1 EA		1 EA	0.00	

PR00-Price of the Product

Create Standard Order: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
 Material: 8100-FG10 8100-S Orders with Control & valued

Sales A Sales B Shipping Billing Document **Conditions** Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 11,208.00 INR Tax: 0.00

Non...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur
PR00		Price	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
		Gross Value	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
		Discount Amount	0.00	INR		1 EA	0.00	INR			1 EA		1 EA	0.00	
		Rebate Basis	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
		Net Value for Item	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
		Net Value 2	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
		Net Value 3	11,208.00	INR		1 EA	11,208.00	INR			1 EA		1 EA	0.00	
AZNR		Down Pay./Settlement	0.00	INR			0.00	INR			0		0	0.00	

After Create Sales Order**Planned Price = 11,208.00****Sales Order Cost = 1,208.00**

Display Standard Order 15488: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
Material: 8100-FG10 8100-S Orders with Control & valuated

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 11,208.00 INR Tax: 0.00

N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
1		Calculated costs	1,208.00	INR		1 EA	1,208.00	INR			1 EA		1 EA	0.00		<input checked="" type="checkbox"/>
		Profit Margin	10,000.00	INR		1 EA	10,000.00	INR			1 EA		1 EA	0.00		<input type="checkbox"/>

KKK3-Result Analysis

Results Analysis for Sales Order

Sales order: 15488
Item: 10
Period: 6
Fiscal year: 2016
RA version: 0
☐ Manual processing only
☒ Full log

Results Analysis for Sales Order

Maintain Manually Next Period Previous Period

Sales Order 0000015488 000010 Subordinate Objects 1 Results Analysis Method 01
Version 0 Results Analysis Type E
Period 6.2016 Cutoff Period 5.2016 Profit Indicator M
Currency INR Final Results Analysis No
Custom Enhancements Active Yes

Actual Data			
Cumulative		Periodic	
Actual Revenue	0.00		0.00
Actual Costs	0.00		0.00
Not Included	0.00		0.00

Calculated Profit/Loss			
Cumulative		Periodic	
Revenue Affecting Net Income	0.00		0.00
Cost of Sales	0.00		0.00
Reserves for Imminent Loss	0.00		0.00
Calculated Profit/Loss	0.00		0.00

Plan Data of Valuation	
Total	
Planned Revenue	11,208.00
Planned Costs	1,208.00
Planned Profit/Loss	10,000.00
Not Included	0.00

Key Figures	
Cumulative	
POC (%)	0.000
Planned Profit (%)	827.810

COOIS

Production Order Information System

List: PPIOH000 Order Headers
 Layout: 000000000001 Standard Layout
☒ Production Orders
☐ Planned Orders

Selection

Select. at Header Level

Production Order		to		→
Material		to		→
Production Plant		to		→
Planning plant		to		→
Order Type		to		→
MRP Controller		to		→
Prod'n Supervisor		to		→
Production Version		to		→
Sold-to party		to		→
Sales Order	15488	to		→
Sales Order Item		to		→
WBS Element		to		→
Sequence number		to		→
Priority		to		→

Order Info System - Order Headers

Order	Material	Icon	Order Type	MRP ctrl	Pr. Superv.	Plant	Target qty	Unit	Bsc start	Basic fin. date	Type	System Status	Version	Material description
60004057	8100-FG10		PP01	810	810	8100	1	EA	15.06.2016	15.06.2016		CRTD PRC MANC SETC		8100-S Orders with Control & valued

CO03

Production order Change: Header

Order: 60004057 Type: PP01
 Material: 8100-FG10 8100-S Orders with Control & valued Plant: 8100
 Status: CRTD PRC MANC SETC

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

Quantities

Total Qty	1	EA	Scrap Portion		0.00 %
Delivered	0		Short/Exc. Rcpt	0	

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	15.06.2016	00:00	15.06.2016	00:00		
Start	15.06.2016	00:00	15.06.2016	00:00		00:00
Release			15.06.2016			

Sales Order

Sales Order	15488	10	0	Req.DDate	15.06.2016	1st DDate	15.06.2016
Ordering Pty	A8100	8100-Customer					

Cost Trend

Order	60004057 8100-FG10							
Order Type	PP01 Standard Production Order (int. number)							
Plant	8100 8100-MFG Plant							
Material	8100-FG10 8100-S Orders with Control & valued							
Planned Quantity 1 EA Each								
<i>Cumulative Data</i>								
<i>Legal Valuation</i>								
<i>Company Code Currency/Objekt Currency</i>								
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		300.00	0.00	300.00-	100.00-	INR
	8100/8100-RM2	8100-RM2		200.00	0.00	200.00-	100.00-	INR
	8100/8100-PACK	8100-PACK		120.00	0.00	120.00-	100.00-	INR
Goods Issues			■	620.00	0.00	620.00-		INR
Confirmations	8100-FG10/TOOLS	8100-FG10 / Tools		15.00	0.00	15.00-	100.00-	INR
	8100-FG10/LABOUR	8100-FG10 / Direct Labour		120.00	0.00	120.00-	100.00-	INR
	8100-FG10/ILAB	8100-FG10 / Indirect Labour		20.00	0.00	20.00-	100.00-	INR
	8100-FG10/F.RENT	8100-FG10 / Factory Rent		45.00	0.00	45.00-	100.00-	INR
	8100-FG10/POWER	8100-FG10 / Power		150.00	0.00	150.00-	100.00-	INR
	8100-FG10/FUEL	8100-FG10 / Fuel		40.00	0.00	40.00-	100.00-	INR
	8100-FG10/DEPREC	8100-FG10 / Depreciation		100.00	0.00	100.00-	100.00-	INR
Confirmations			■	490.00	0.00	490.00-		INR
Overhead	8100-FG5	8100-FG5		49.00	0.00	49.00-	100.00-	INR
	8100-FG5	8100-FG5		49.00	0.00	49.00-	100.00-	INR
Overhead			■	98.00	0.00	98.00-		INR
Goods Receipt	8100/8100-FG10	8100-S Orders with Control & v...		1,208.00-	0.00	1,208.00	100.00-	INR
Goods Receipt			■	1,208.00-	0.00	1,208.00		INR
			■ ■	0.00	0.00	0.00		INR

Production Order Confirmation-CO11N

Enter Time Ticket for Production Order			
<div> Goods Movements Actual Data </div>			
Confirmation	123997		
Order	60004057	Material	8100-FG10 8100-S Orders with Control &...
Operation	0010	Sequence	0
Suboperation			
Capacity Cat.		Split	
Work Center	8100FG10	Plant	8100 8100-S Orders with Control & valued
Confirm.type	X Final confirmation		
<input type="checkbox"/> Clear open reservations			
<div>Quantities</div>			
	To Be Confirmed	Unit	
Yield	1	EA	
Scrap			
Rework			
Reason for Var.			
<div>Activities</div>			
	To Be Confirmed	Unit	R
Machine Hr	10.0	HR	<input type="checkbox"/>
Labor Hr	8.0	HR	<input type="checkbox"/>
Power KWH	10	KWH	<input type="checkbox"/>
Fuel kwh	10	KWH	<input type="checkbox"/>

Enter Confirmation for Production Order: Goods Movements

Order 60004057 Status: REL
 Material Number 8100-FG10 8100-S Orders with Control & valued
 Oper./Act. 0010 Sequence 0
 Confirmation 123997 Plant 8100 Work center 8100FG10

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...
8100-FG10		1 EA	8100	8100			S	101	E		8100	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM1		4 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM2		3 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK		2 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

Order 60004057 8100-FG10
 Order Type PP01 Standard Production Order (int. number)
 Plant 8100 8100-MFG Plant
 Material 8100-FG10 8100-S Orders with Control & valued

Planned Quantity 1 EA Each
 Actual Quantity 1 EA Each

Confirmation Data

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		300.00		400.00		100.00	33.33	INR
	8100/8100-RM2	8100-RM2		200.00		300.00		100.00	50.00	INR
	8100/8100-PACK	8100-PACK		120.00		240.00		120.00	100.00	INR
Goods Issues			■	620.00	■	940.00	■	320.00		INR
Confirmations	8100-FG10/TOOLS	8100-FG10 / Tools		15.00		0.00		15.00-	100.00-	INR
	8100-FG10/LABOUR	8100-FG10 / Direct Labour		120.00		120.00		0.00		INR
	8100-FG10/ILAB	8100-FG10 / Indirect Labour		20.00		0.00		20.00-	100.00-	INR
	8100-FG10/F.RENT	8100-FG10 / Factory Rent		45.00		0.00		45.00-	100.00-	INR
	8100-FG10/POWER	8100-FG10 / Power		150.00		150.00		0.00		INR
	8100-FG10/FUEL	8100-FG10 / Fuel		40.00		200.00		160.00	400.00	INR
	8100-FG10/DEPREC	8100-FG10 / Depreciation		100.00		100.00		0.00		INR
Confirmations			■	490.00	■	570.00	■	80.00		INR
Overhead	8100-FG5	8100-FG5		49.00		0.00		49.00-	100.00-	INR
	8100-FG5	8100-FG5		49.00		0.00		49.00-	100.00-	INR
Overhead			■	98.00	■	0.00	■	98.00-		INR
Goods Receipt	8100/8100-FG10	8100-S Orders with Control & valued		1,208.00-		1,208.00-		0.00		INR
Goods Receipt			■	1,208.00-	■	1,208.00-	■	0.00		INR
			■ ■	0.00	■ ■	302.00	■ ■	302.00		INR

MMBE**Stock Overview: Basic List**

Selection	
Material	8100-FG10 8100-S Orders with Control & valued
Material Type	FERT Finished product
Unit of Measure	EA Base Unit of Measure EA
Stock Overview	
<div> </div>	
<div> <div> <div>Client/Company Code/Plant/Storage Location/Batch/Special Stock</div> <div>Unrestricted use</div> <div>Qual. inspection</div> <div>Reserved</div> <div>Rcpt reservation</div> <div>On-Order Stock</div> <div>Consgt</div> </div> <div> <div>Full</div> <div>8100 8100-Company Code</div> <div>8100 8100-MFG Plant</div> <div>8100 8100-S.Location</div> <div>Sales Order Stock</div> </div> <div>1.000</div> </div>	

Delivery-VL01N

Delivery Create: Overview

Outbound deliv. Document Date 15.06.2016
 Ship-to party A8100 8100-Customer / /

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time 15.06.2016 00:00:00 OverallPickStatus C Fully picked
 Warehouse No. OverallWMStatus No WM trnsf ord reqd

Item	Material	Plant	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch	B...	P	V	Stag. Date	Matl...	Val. Type	Description
10	8100-FG10	8100	8100	1	EA	1	EA					15.06.2016	00:00:00		8100-S Orders with Control & valued

Once Delivery Completed and Run –KKA3

Sales Order 0000015488 000010 Subordinate Objects 1 Results Analysis Method 01
 Version 0 Results Analysis Type E
 Period 6.2016 Cutoff Period 5.2016 Profit Indicator M
 Currency INR Final Results Analysis No
 Custom Enhancements Active Yes

Actual Data		Periodic	
Cumulative			
Actual Revenue	0.00		0.00
Actual Costs	1,208.00		1,208.00
Not Included	0.00		0.00

Plan Data of Valuation	
Total	
Planned Revenue	11,208.00
Planned Costs	1,208.00
Planned Profit/Loss	10,000.00
Not Included	0.00

Calculated Profit/Loss		Periodic	
Cumulative			
Revenue Affecting Net Income	0.00		0.00
Cost of Sales	0.00		0.00
Reserves for Imminent Loss	0.00		0.00
Calculated Profit/Loss	0.00		0.00

Key Figures	
Cumulative	
POC (%)	0.000
Planned Profit (%)	827.810

Inventories		Periodic	
Cumulative			
Revenue in Excess of Billings	0.00		0.00
Work in Process	1,208.00		1,208.00

Here we can see Actual Cost (COGS) and billing not yet completed so that, it showing work in process.

Invoice (F2) (F2) Create: Overview of Billing Items

Billing documents

F2 Invoice (F2) \$000000001 Net Value 11,208.00 INR
 Payer A8100 8100-Customer / /
 Billing Date 15.06.2016

Item	Description	Billed Quantity	SU	Net value	Material	Tax amount
10	00-S Orders with Control & v...	1	EA	11,208.00	8100-FG10	0.00

Display Billing Document

Billing document: 90039406


More Search Criteria

Document Number:

Company Code:





Fiscal Year:

Reference:

 Search

List of Documents in Accounting


Doc. Number	Object type text
0000005003	Accounting document
0000000087	Controlling Document

  Separate Original document  

In Billing Document, There is no CO-PA document generate, because this is the Sales Controlling with vaulted scenario. So at the time of sales order settlement only COPA document will be generate.

Now Run-KKA3

Results Analysis for Sales Order



Sales order: 15488

Item: 10

Period: 6

Fiscal year: 2016

RA version: 0

☐ Manual processing only

☒ Full log

Sales Order 0000015488 000010 Subordinate Objects 1 Results Analysis Method 01
 Version 0 Results Analysis Type E
 Period 6.2016 Cutoff Period 5.2016 Profit Indicator M
 Currency INR Final Results Analysis No
 Custom Enhancements Active Yes

Actual Data		
	Cumulative	Periodic
Actual Revenue	11,208.00	11,208.00
Actual Costs	1,208.00	1,208.00
Not Included	0.00	0.00

Plan Data of Valuation		
	Cumulative	Periodic
Total		
Planned Revenue	11,208.00	
Planned Costs	1,208.00	
Planned Profit/Loss	10,000.00	
Not Included	0.00	

Calculated Profit/Loss		
	Cumulative	Periodic
Revenue Affecting Net Income	11,208.00	11,208.00
Cost of Sales	1,208.00	1,208.00
Reserves for Imminent Loss	0.00	0.00
Calculated Profit/Loss	10,000.00	10,000.00

Key Figures		
	Cumulative	Periodic
POC (%)	100.000	
Planned Profit (%)	827.810	

Inventories		
	Cumulative	Periodic
Revenue in Excess of Billings	0.00	0.00
Work in Process	0.00	0.00

We can observe here, Actual Data (Actual Revenue, Actual cost), Calculated Profit/Loss and Work in Process ZERO because Final Billing also completed.

Month End Process of Production Order

Template Allocation -CPTA - Individual Processing

Actual Template Allocation: Order

Order 60004057

Parameters
 Version 0 Plan/Act - Version
 Period 6 To 6
 Fiscal Year 2016

Processing Options
☐ Background Processing
☐ Test Run
☒ Detail Lists
☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Overhead -KGI2 - Individual Processing

Actual Overhead Calculation: Order

Order

Parameters

Period
Fiscal Year

Processing Options

☐ Test Run
☒ Dialog display

Display ORD 60004057 6/2016: Item - Conditions

Item
View Quantity Net INR
Tax

N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
01-2		Conversion Costs					770.00	INR			0		0	0.00		
01-3		Quality Control Cost	10.000	%			77.00	INR			0		0	0.00		
01-4		Research & Dev Cost	10.000	%			77.00	INR			0		0	0.00		
		GM	0.00	INR		1	924.00	INR			0		0	0.00		

Variances- KKS2 - Individual Processing

Variance Calculation: Initial Screen

Order 8100-S Orders with Control & valuated

Parameters

Period
Fiscal Year
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List


Basic List Cost Elements Scrap Variance Categories

Period Fiscal year [Messages](#) Currency

Version

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004057	1,208.00	1,864.00	1,208.00	0.00	0.00	656.00

Settlement -KO88 - Individual Processing

Actual Settlement: Order	
 Settlement Rule	
Order	<input type="text" value="60004057"/> <input type="text"/>
Parameters	
Settlement period	<input type="text" value="6"/>
Fiscal Year	<input type="text" value="2016"/>
Processing type	<input type="text" value="1 Automatic"/>
Posting period	<input type="text"/>
Asset value date	<input type="text"/>
Processing Options	
<input type="checkbox"/> Test Run	
<input checked="" type="checkbox"/> Check trans. data	

Actual Settlement: Order Detail list

Basic list Sender Receiver Accounting documents Settlement rule Save Select

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 60004057	8100-S Orders with Control & valued	MAT 8100/8100-FG10	656.00	
		PSG 0000000046	656.00	Variances

F-02 Additional Expenses booking to sales order

Enter G/L account document: Add G/L account item

G/L Account Selling & Dis Exp A/C
 Company Code 8100-Company Code

Item 1 / Debit entry / 40

Amount INR
☐ Calculate tax

Business Place
 Cost Center Order
 WBS Element Profit. Segment
 Network Real Estate Obj
 Functional Area Sales Order

Purchasing Doc.
 Quantity

Assignment
 Text

Next Line Item

PKey Account SG/L Ind. New Comp.Cod

Enter G/L account document: Display Overview


Document Date Type Company Code
 Posting Date Period Currency
 Document Number Fiscal Yr Translatn Date
 Reference
 Doc.Header Text Cross-CC No.
 Part.Bus.Area

Items in document currency

PK	BusA	Acct	INR	Amount	Tax amnt
001	40	0000400700 Selling & Dis Exp		292.00	
002	50	0000200900 CASH A/C		292.00-	

Now run KKA3

Results Analysis for Sales Order



Sales order

Item

Period

Fiscal year

RA version

☐ Manual processing only

☒ Full log

Now Actual Cost became 1500 ,we can see in Actual Data

Results Analysis for Sales Order

Maintain Manually Next Period Previous Period

Sales Order 0000015488 000010 Subordinate Objects 1 Results Analysis Method 01

Version 0 Results Analysis Type E

Period 6.2016 Cutoff Period 5.2016 Profit Indicator M

Currency INR Final Results Analysis No

Custom Enhancements Active Yes

Actual Data			Plan Data of Valuation	
	Cumulative	Periodic	Total	
Actual Revenue	11,208.00	11,208.00	Planned Revenue	
Actual Costs	1,500.00	1,500.00	Planned Costs	
Not Included	0.00	0.00	Planned Profit/Loss	
			Not Included	

Calculated Profit/Loss			Key Figures	
	Cumulative	Periodic	Cumulative	
Revenue Affecting Net Income	11,208.00	11,208.00	POC (%)	
Cost of Sales	1,500.00	1,500.00	Planned Profit (%)	
Reserves for Imminent Loss	0.00	0.00		
Calculated Profit/Loss	9,708.00	9,708.00		

Inventories		
	Cumulative	Periodic
Revenue in Excess of Billings	0.00	0.00
Work in Process	0.00	0.00

Now save KKA3

Sales Order Settlement-VA88 – Settlement

Actual Settlement: Sales Orders

Sales Organization

Sales Document To

Sales Document Item

Parameters

Settlement period Posting period

Fiscal Year

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail List

☒ Check trans. data

Actual Settlement: Sales Orders Detail list

Basic list Accounting documents

Detail list - Settled values

Senders	Short text: Sender	Receivers	Σ ValCOArCur	Inform.
SDI 15488/10	8100-S Orders with Control & valued	PSG 0000000044	9,708.00-	
			9,708.00-	

Actual Settlement: Sales Orders Detail list

Basic list Accounting documents

Detail list - Settled values

Senders	Short text: Sender	Receivers	Σ ValCOArCur	Inform.
SDI 15488/10	8100-S Orders with Control & valued	PSG 0000000044	9,708.00-	
			9,708.00-	

List of Documents in Accounting

Doc. Number	Object type text
0000000019	Accounting document
0000000094	Controlling Document
0000000018	Profitab. Analysis

FI-Document

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number: 19 Company Code: 8100 Fiscal Year: 2016
 Document Date: 15.06.2016 Posting Date: 30.06.2016 Period: 6
 Reference: Cross-Comp.No.: Texts exist: ☐ Ledger Group:
 Currency: INR

Co. Itm PK S Account Description Amount Curr. Tx Cost Center Order Profit Center Segment Billing Doc. SLN

8100	1	40	300521	Change in stock RA	1,500.00	INR				8100				
	2	50	200501	Result Analysis A/C	1,500.00-	INR				8100				

CO-Doc

Display Actual Cost Documents

Document Master Record

Layout: 1SAP Primary cost posting
 COarea currency: INR INR
 Valuation View/Group: 0 Legal Valuation

DocumentNo	Doc. Date	Document Header Text	RT	RefDocNo	User Name	Rev	RvD
PRW	Qty	Object	CO object name	Cost Elem.	Cost element name	Val/COArea	Crcy
						Total quantity	PUM C Offst.acct
94	15.06.2016		R	62266	WIPRO_FI		
1	SDI 15488/10	8100-S Orders with Control &	921010	S.Order Settlement		9,708.00	
2	PSG 10		921010	S.Order Settlement		9,708.00-	

COPA doc

Display Line Items

Integration

Document number: 18 Item number: Record Type: C
 Posting date: 30.06.2016 Period: 6 Fiscal Year: 2016

Characteristics Value fields Origin data Administrat.data

Foreign currency
 Currency key: INR Rupee
 Exchange rate: 1.00000

Legal view (operating concern currency)

Value field	Amount	Un.
SALES QTY		EA
ACTUAL PUP		INR
COGS		INR
COGS		INR
COSR	12,708.00	INR
Depreciation		INR
Direct Labour		INR
FIX/LOT VAR		INR

Rows 1 to 8 from 32

ForeignCrcy OpConcCrcy CoCodeCrcy

Job Costing

Product Cost by Sales order

**3). Sales orders with Controlling
and Non valuated inventory**

Check Requirements Classes-OVZG

Change View "Requirements Classes": Details

Reqmts class: 813 MTO-S.Object-Non Val

Requirements	
Avail. Check	<input checked="" type="checkbox"/>
Req. transfer	<input checked="" type="checkbox"/>
Allocation ind.	<input type="checkbox"/>
Prod.allocation	<input type="checkbox"/>
Ind.req.reductn	<input type="checkbox"/>
No MRP	<input type="checkbox"/>
Avail. Check ICON	<input type="checkbox"/>

Assembly	
Assembly type	3
Order costing	<input type="checkbox"/>
Automatic plng	<input type="checkbox"/>
Special Stock	E
Order Type	PP01
Avail.components	<input type="checkbox"/>
Type comp.check	<input type="checkbox"/>
Online assembly	<input type="checkbox"/>
Capacity check	<input type="checkbox"/>
No update	<input type="checkbox"/>
OCM	<input type="checkbox"/>

Configuration	
Configuration	<input type="checkbox"/>
Cons.of config.	<input type="checkbox"/>

Change View "Requirements Class for Costing and Account Assignment": D

Reqmts class: 813 MTO-S.Object-Non Val

Costing	
Costing	<input type="checkbox"/>
Costing ID	<input type="checkbox"/>
Costing Method	1
Costing Variant	PPC4
Costing Sheet	<input type="checkbox"/>
Copy Costing Sheet	<input type="checkbox"/>
CndTypLineItems	EK02
CondTypLinItFix	<input type="checkbox"/>

Account assignment	
Acct Assignment Cat.	E
Valuation	<input type="checkbox"/>
Without Val. Strategy	<input type="checkbox"/>
Settlement profile	8100
Strategy Sequence	<input type="checkbox"/>
Changeable	<input type="checkbox"/>
Results Analysis Key	KUND
Functional Area	<input type="checkbox"/>

Assembly / Requirements	
Assembly type	3
Sales order costing	<input type="checkbox"/>
Automatic plng	<input type="checkbox"/>

Here Requirement Class

813- Sales Orders with Controlling and Non Vaulted inventory

Assembly type 3 for Production order will create automatically when sales order creation.

Check Requirements Types-OVZH

Change View "Requirements Types": Overview of Selected Set

New Entries

RqTy	Requirements type	ReqCl	Description
813	MTO-S.Object-Non Valuated	813	MTO-S.Object-Non Val

Check Planning Strategies-OPPS**Change View "Strategy": Details of Selected Set**

New Entries

Strategy Sales Order with Control and Non Valute

Requirements type of independent requirements

Reqmts type for indep.reqmts

Reqmts class

Consumption ☐

Planning Ind. ☐

Requirements type of customer requirements

Reqmt type of customer reqmt MTO-S.Object-Non Valuated

Requirements class MTO-S.Object-Non Val

Allocation indicat. ☐

No MRP ☐ Requirement planned ☒

Acct Assgt Cat.

Settlement profile

Results analysis key

☒ Availability check

☒ Requirement transfer

☐ Req. Reduct.

Assembly order

Assembly type Production order (dynamic processin...

Order Type

☐ Component availability

Check Strategy Groups-OPPT**Change View "Strategy Groups": Details**

New Entries

Strategy group S.Orders with Control and Non Valute

Planning Strategies

Main Strategy Sales Order with Control and Non Valute

Strategy

Strategy

Strategy

Strategy

Strategy

Strategy

Strategy

CR01

Create Work Center: Cost Center Assignment

HRMS
 Hierarchy
 Template

Plant: 8100 8100-MFG Plant
 Work center: 8100FG11 8100-S Order with Control & Non Valuated

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

Validity

Start date: 15.06.2016 End Date: 31.12.9999

Link to cost center/activity types

Controlling Area: 8100 8100-Company Code
 Cost Center: 8100-FG11 8100-FG11

Activities Overview

Alt. activity descr.	Activity Unit	R...	Form...	Formula description	Inc. wages inc.
Machine Hr	HR	<input type="checkbox"/>	8881	Machine HR	
Labor Hr	HR	<input type="checkbox"/>	8882	Labor HR	
Power KWH	KWH	<input type="checkbox"/>	8883	Power KWH	
Fuel kwh	KWH	<input type="checkbox"/>	8884	Fuel Kwh	
Water L	L	<input type="checkbox"/>	8885	Water L	

CA01

Create Routing: Operation Details

Work center
 Routings
 Sequences
 CompAlloc
 PRT

Material: 8100-FG11 8100-S Order with Control & Non Valuated Grp.Count1

Operation

Operation/Activity: 0010 Suboperation:
 Work center / Plnt: 8100FG11 / 8100 8100-S Order with Control & Non Valuated
 Control key: PP99 In-house prod. milestone with GR
 Standard text key:
☐ Long text exists

Standard Values

Base Quantity: 1
 Act./Operation UoM: EA
 Break:

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10.0	HR	DEPREC	<input type="text"/>
Labor Hr	8.0	HR	LABOUR	<input type="text"/>
Power KWH	10	KWH	POWER	<input type="text"/>
Fuel kwh	<input type="text"/>		FUEL	<input type="text"/>

VA01-Sales Order Creation

Create Standard Order: Overview

Standard Order: Net value: 0.00 INR

Sold-To Party: 8100 8100-Customer //

Ship-To Party: 8100 8100-Customer //

PO Number: PO date: 15.06.2016

[Sales](#)
[Item overview](#)
[Item detail](#)
[Ordering party](#)
[Procurement](#)
[Shipping](#)
[Reason for rejection](#)

Item	Material	Plant	Confirmed Qty	SU	Mat.Av.Dt.	SLCa	RqTy	I. A D	Delivery D...	N.. ATP quantity	Loading D...	Route	P.. D..	Description
0	8100-FG11	8100		1 EA	15.06.2016	CP	813		D 15.06.2016		0 15.06.2016			

Sales Order Costing

Sales Order Costing

[Detail List On](#)
[Costing Structure On](#)
 Hold

Sales Document INTERN Item 10
Material 8100-FG11
Plant 8100

[Costing Data](#)
[Dates](#)

Costing Variant PPC4
Costing Lot Size 1.000
Transfer Control

Sales Order Costing

Detail List Off Costing Structure Off Hold

Sales Document: INTERN Item: 10
Material: 8100-FG11 8100-S Order with Control & Non Valuated
Plant: 8100

Costing Structure: 8100-S Order with Control & Non Valuated
• 8100-RM1
• 8100-RM2
• 8100-PACK

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 1 Costing Lot Size 1 EA

Itemization for material 8100-FG11 in plant 8100

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG11 8100FG11 DEPREC	943011	100.00	100.00	INR	10.0	HR
2		8100-FG11 8100FG11 LABOUR	943003	120.00	120.00	INR	8.0	HR
3		8100-FG11 8100FG11 POWER	943008	150.00	150.00	INR	10	K...
4		8100-FG11 8100FG11 FUEL	943009	0.00	0.00	INR	0	K...
5		8100-FG11 8100FG11 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG11 TOOLS	943001	15.00	15.00	INR	1	KG
10		8100-FG11 ILAB	943004	10.00	10.00	INR	1.0	HR
11		8100-FG11 PMRENT	943006	10.00	10.00	INR	1.0	HR
E				405.00	405.00	INR		
12	G	8100-FG5 941001	941001	40.50	40.50	INR		
13		8100-FG5 941002	941002	40.50	40.50	INR		
G				81.00	81.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	300.00	0.00	INR	3	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				620.00	0.00	INR		
				1,106.00	486.00	INR		

Change Standard Order 15489: Item Data

Sales Document Item: 10 Item category: TAN Standard Item
Material: 8100-FG11 8100-S Order with Control & Non Valuated

Sales A Sales B Shipping Billing Document Conditions Account assignment Schedule lines Partners Texts Order Data Status

View: 1 Pricing Elements: Table Quantity: 1 EA Net: 2,106.00 INR Tax: 0.00

N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
PR00		Price	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
		Gross Value	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
		Discount Amount	0.00	INR		1 EA	0.00	INR		1 EA	1 EA	1 EA	0.00			
		Rebate Basis	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
		Net Value for Item	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
		Net Value 2	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
		Net Value 3	2,106.00	INR		1 EA	2,106.00	INR		1 EA	1 EA	1 EA	0.00			
AZWR		Down Pay./Settlement	0.00	INR			0.00	INR		0	0	0	0.00			

Condition rec. Analysis Update

Now Run KKA3 for Plant Data Valuation

Results Analysis for Sales Order

Maintain Manually Next Period Previous Period

Sales Order 0000015489 000010 Subordinate Objects 1 Results Analysis Method 01

Version 0 Results Analysis Type E

Period 6.2016 Cutoff Period 5.2016 Profit Indicator M

Currency INR Final Results Analysis No

Custom Enhancements Active Yes

Actual Data	
Cumulative	Periodic
Actual Revenue	0.00
Actual Costs	0.00
Not Included	0.00

Calculated Profit/Loss	
Cumulative	Periodic
Revenue Affecting Net Income	0.00
Cost of Sales	0.00
Reserves for Imminent Loss	0.00
Calculated Profit/Loss	0.00

Plan Data of Valuation	
Total	
Planned Revenue	2,106.00
Planned Costs	1,106.00
Planned Profit/Loss	1,000.00
Not Included	0.00

Key Figures	
Cumulative	
POC (%)	0.000
Planned Profit (%)	90.420

COOIS-

Production Order Information System

List PPIOH000 Order Headers

Layout 000000000001 Standard Layout

☒ Production Orders

☐ Planned Orders

Selection

Select. at Header Level

Production Order		to		→
Material		to		→
Production Plant		to		→
Planning plant		to		→
Order Type		to		→
MRP Controller		to		→
Prodn Supervisor		to		→
Production Version		to		→
Sold-to party		to		→
Sales Order	15489	to		→
Sales Order Item		to		→
WBS Element		to		→
Sequence number		to		→
Priority		to		→
Status Selection Profile				
Syst. Status		and		

Excl. and Excl.

Order Info System - Order Headers

Order	Material	Icon	Order Type	MRP ctrl	Pr. Superv.	Plant	Target qty	Unit	Bsc start	Basic fin. date	Type	System Status	Version	Material description
60004058	8100-FG11		PP01	810	810	8100	1	EA	15.06.2016	15.06.2016		CRTD PRC MANC SETC		8100-S Order with Control & Non Valuated

CO03-Production Order

Production order Display: Header

Order: 60004058 Type: PP01
 Material: 8100-FG11 8100-S Order with Control & Non Valuated Plant: 8100
 Status: REL PRC MANC SETC
 User Status: RLAL

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

Quantities

Total Qty	1	EA	Scrap Portion	0	0.00	\$
Delivered	0		Short/Exc. Rcpt	0		

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	15.06.2016	00:00	15.06.2016	00:00		
Start	15.06.2016	00:00	15.06.2016	00:00		00:00
Release			15.06.2016		15.06.2016	

Sales Order

Sales Order	15489	10	0	Req.DDate	15.06.2016	1st DDate	15.06.2016
Ordering Pty	A8100	8100-Customer					

Scheduling

Type	2 Backwards	Floats	Sched. Margin Key	000
------	-------------	--------	-------------------	-----

We can see in settlement rule receiver category is Sales Order because this is Non vaulted sales order controlling scenario.

Display Settlement Rule: Overview

Order: 60004058 8100-S Order with Control & Non Valuated
 Actual settlement

Distribution rules

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	Amount	A.. Se...	No.	S...	Fro...	From...	To ...	To Fl...	First Used	Last Used
SDI	15489 10	8100-S Order with Contr...	100.00	0	0.00	FUL	1	0		0				

CO11N-Production Order Confirmation

Enter Time Ticket for Production Order

Confirmation: 123998
 Goods Movements
 Actual Data

Order: 60004058 Material: 8100-FG11 8100-S Order with Control & ...
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.: Split:
 Work Center: 8100FG11 Plant: 8100 8100-S Order with Control & Non Valuated

Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	1	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	10.0	HR	<input type="checkbox"/>
Labor Hr	10	HR	<input type="checkbox"/>
Power KWH	12	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>
Water L		L	<input type="checkbox"/>

Enter Confirmation for Production Order: Goods Movements

Order: 60004058 Status: REL
 Material Number: 8100-FG11 8100-S Order with Control & Non Valuated
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 123998 Plant: 8100 Work center: 8100FG11

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S..	Vendor	Customer	Compltd	D...	Date of
8100-FG11		1 EA	8100	8100			S	101	E		A8100	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM1		3 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM2		4 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK		2 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

VL01N-Delivery Creation

Create Outbound Delivery with Order Reference

With Order Reference | W/o Order Reference | Post Goods Issue

Shipping point 8100-Shipping Point

Sales order data

Selection date
 Order
 From item
 To item

Predefine delivery type

Delivery Type

Delivery Create: Overview

Post Goods Issue

Outbound deliv.
 Ship-to party Document Date
 8100-Customer //

Item Overview | Picking | Loading | Transport | Status Overview | Goods Movement Data

Pick Date/Time
 Warehouse No. OvrllPickStatus Not yet picked
 OverallWMStatus No WM trnsf ord reqd

Item	Material	Deliv. Qty	Un	Picked Qty	Un	Batch	B..	P V	Stag. Date	Matl...	Val. Type	Description
10	8100-FG11	1	EA	1	EA		A		15.06.2016	00:00...		8100-S Order with Control & Non Valuatedon Valuated

MB03-Delivery time there is no accounting doc.

Display Material Document 4900003189 : Overview

Details from Item | Material | Accounting Documents...

Posting Date Mat. Slp Name

Item	Quantity	EU	Material	Plnt	SLoc	Batch
1	1		8100-FG11	8100	8100	

8100-S Order with Control & Non Val...

Material document 4900003189 does not include an accounting document

Message no. M7082

Diagnosis

The system cannot find an **accounting document** for the **material document 4900003189**.

Possible reasons for this are:

- The goods movement has no relevance to accounting. Therefore, the system did not generate an accounting d
- The material document is a document that was posted before Release 2.1. Such documents must be converte
- The procedure for the **subsequent calculation of value** is not active in your system. For further information, i

Procedure

- Choose *Continue* and then choose another function.
- Find out when the material document was created. If the document was created prior to the Release changeov document conversion are described in the Release Notes for Release 2.1B.

Material document 4900003189 does not include an accounting document

SAP MB03

Template Allocation -CPTA - Individual Processing

Actual Template Allocation: Order

Order

Parameters

Version Plan/Act - Version

Period To

Fiscal Year

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004058	ATY 8100-FG11/ILAB	943004	2.0	HR		20.00	INR		8100-FG11
	ATY 8100-FG11/PMRENT	943006	2.0	HR		20.00	INR		8100-FG11
	ATY 8100-FG11/TOOLS	943001	2	KG		30.00	INR		8100-FG11
ORD 60004058						70.00	INR		
						70.00	INR		

Overhead -KGI2 - Individual Processing

Actual Overhead Calculation: Order

Order

Parameters

Period

Fiscal Year

Processing Options

☐ Test Run

☒ Dialog display

Display ORD 60004058 6/2016: Item - Conditions

Item View Quantity Net INR Tax

Pricing Elements																
N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur	S...
81-2		Conversion Costs					500.00	INR		0		0		0.00		
81-3		Quality Control Cost	10.000	₹			50.00	INR		0		0		0.00		
81-4		Research & Dev Cost	10.000	₹			50.00	INR		0		0		0.00		
		GM	0.00	INR		1	600.00	INR		0		0		0.00		

CO03

Order	60004058 8100-FG11						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100-FG11 8100-S Order with Control & Non Valuated						
Planned Quantity	1 EA Each						
Actual Quantity	1 EA Each						

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		0.00		300.00		300.00		INR
	8100/8100-RM2	8100-RM2		0.00		400.00		400.00		INR
	8100/8100-PACK	8100-PACK		0.00		240.00		240.00		INR
Goods Issues			■	0.00	■	940.00	■	940.00		INR
Confirmations	8100-FG11/TO...	8100-FG11 / Tools		15.00		30.00		15.00	100.00	INR
	8100-FG11/LAB...	8100-FG11 / Direct Labour		120.00		150.00		30.00	25.00	INR
	8100-FG11/ILAB	8100-FG11 / Indirect Labour		10.00		20.00		10.00	100.00	INR
	8100-FG11/PM...	8100-FG11 / P&M Rent		10.00		20.00		10.00	100.00	INR
	8100-FG11/PO...	8100-FG11 / Power		150.00		180.00		30.00	20.00	INR
	8100-FG11/DE...	8100-FG11 / Depreciation		100.00		100.00		0.00		INR
Confirmations			■	405.00	■	500.00	■	95.00		INR
Overhead	8100-FG5	8100-FG5		40.50		50.00		9.50	23.46	INR
	8100-FG5	8100-FG5		40.50		50.00		9.50	23.46	INR
Overhead			■	81.00	■	100.00	■	19.00		INR
			■ ■	486.00	■ ■	1,540.00	■ ■	1,054.00		INR

Now Run-KKA3

Results Analysis for Sales Order

Sales order

Item

Period

Fiscal year

RA version

☐ Manual processing only

☒ Full log

Sales Order 0000015489 000010
Subordinate Objects **1**

Version **0**

Period **6.2016**
Cutoff Period **5.2016**

Currency **INR**

Actual Data		
	Cumulative	Periodic
Actual Revenue	0.00	0.00
Actual Costs	1,540.00	1,540.00
Not Included	0.00	0.00

Calculated Profit/Loss		
	Cumulative	Periodic
Revenue Affecting Net Income	0.00	0.00
Cost of Sales	0.00	0.00
Reserves for Imminent Loss	0.00	0.00
Calculated Profit/Loss	0.00	0.00

Inventories		
	Cumulative	Periodic
Revenue in Excess of Billings	0.00	0.00
Work in Process	1,540.00	1,540.00

VF01-Billing

Invoice (F2) (F2) Create: Overview of Billing Items

Billing documents

F2 Invoice (F2) **0000000001**
Net Value **2,106.00** **INR**

Payer **A8100**
8100-Customer //

Billing Date **16.06.2016**

Item	Description	Billed Quantity	SU	Net value	Material	Tax amount
10	8100-S Order with Control & N...		1 EA	2,106.00	8100-FG11	0.00

Here also there is No COPA document generated.

Display Billing Document

Billing document: 90039407

More Search Criteria

Document Number:

Company Code:

Fiscal Year:

Reference:

Search

List of Documents in Accounting

Doc. Number	Object type text
0000005004	Accounting document
0000000099	Controlling Document

Separate Original document

Here No need of Variance calculation run because 60004058 Order is assigned to sales order 15489 (None vaulted scenario).

Directly we can run Settlement

Settlement- KO88 - Individual Processing

Actual Settlement: Order

Settlement Rule

Order: 60004058

Parameters

Settlement period: 6 Posting period:

Fiscal Year: 2016 Asset value date:









Processing type: 1 Automatic

Processing Options









☐ Test Run

☒ Check trans. data






Here receiver is the Sales Order. That means at the time production order settlement all expenses (Material Cost Conversion Cost +OH) will transfer to Sales Order.

Actual Settlement: Order Detail list				
Basic list        				
Detail list - Settled values				
Senders	Short text: Sender	Receivers	Σ ValCOArCur	Inform.
ORD 60004058	8100-S Order with Control & Non Valuated	SDI 15489/10	1,540.00	
			1,540.00	

Here No FI document, only CO document will generate

Display Actual Cost Documents									
Document        									
Layout	1SAP	Primary cost posting							
COarea currency	INR	INR							
Valuation View/Group	0	Legal Valuation							
DocumentNo	Doc. Date	Document Header Text	RT RefDocNo	User Name	Rev RvD				
PRw OTy Object		CO object name	Cost Elem. Cost element name	Val/COArea Crcoy	Total quantity PUM	C	Offst.acct		
100	15.06.2016		R 62267	WIFRO_FI					
1	ORD 60004058	8100-S Order with Control & N-	921010	S.Order Settlement	300.00-				
2	SDI 15489/10	8100-S Order with Control & N-	921010	S.Order Settlement	300.00				
3	ORD 60004058	8100-S Order with Control & N-	921010	S.Order Settlement	400.00-				
4	SDI 15489/10	8100-S Order with Control & N-	921010	S.Order Settlement	400.00				
5	ORD 60004058	8100-S Order with Control & N-	921010	S.Order Settlement	240.00-				
6	SDI 15489/10	8100-S Order with Control & N-	921010	S.Order Settlement	240.00				
7	ORD 60004058	8100-S Order with Control & N-	921010	S.Order Settlement	600.00-				
8	SDI 15489/10	8100-S Order with Control & N-	921010	S.Order Settlement	600.00				
* Total					0.00				

Manual FI expenses booking to sales order -F-02

   	
G/L Account	400700 Selling & Dis Exp A/C
Company Code	8100 8100-Company Code
Item 1 / Debit entry / 40	
Amount	160 INR
Business Place	
Cost Center	
WBS Element	
Network	
Functional Area	
Purchasing Doc.	
Assignment	
Text	Selling & Dis Exp posting to Sales Order
<input type="checkbox"/> Calculate tax Order <input type="text"/> Profit. Segment <input type="text"/> Real Estate Obj <input type="text"/> Sales Order 15489 10 	
Quantity <input type="text"/>	
Next Line Item	
PKey	50 Account 200900 SG/L Ind. ATT New Comp.Cod

Enter G/L account document: Display Overview

Display Currency
 Park document
 Account Model
 Fast Data Entry
 Taxes

Document Date	15.06.2016	Type	SA	Company Code	8100
Posting Date	15.06.2016	Period	6	Currency	INR
Document Number	INTERNAL	Fiscal Yr	2016	Translatn Date	15.06.2016
Reference				Cross-CC No.	
Doc.Header Text				Part.Bus.Area	

Items in document currency

PK	BusA	Acct		INR	Amount	Tax amnt
001	40	0000400700	Selling & Dis Exp		160.00	
002	50	0000200900	CASH A/C		160.00-	

KKA3-

Results Analysis for Sales Order

Sales order	15489
Item	10
Period	6
Fiscal year	2016
RA version	0

☐ Manual processing only

☒ Full log

Results Analysis for Sales Order			
Maintain Manually		Next Period	Previous Period
Sales Order 0000015489 000010		Subordinate Objects 1	
Version 0		Results Analysis Method 01	
Period 6.2016		Results Analysis Type E	
Cutoff Period 5.2016		Profit Indicator M	
Currency INR		Final Results Analysis No	
		Custom Enhancements Active Yes	

Actual Data			
Cumulative		Periodic	
Actual Revenue	2,106.00		2,106.00
Actual Costs	1,700.00		1,700.00
Not Included	0.00		0.00


Calculated Profit/Loss			
Cumulative		Periodic	
Revenue Affecting Net Income	2,106.00		2,106.00
Cost of Sales	1,700.00		1,700.00
Reserves for Imminent Loss	0.00		0.00
Calculated Profit/Loss	406.00		406.00

Inventories			
Cumulative		Periodic	
Revenue in Excess of Billings	0.00		0.00
Work in Process	0.00		0.00

Plan Data of Valuation			
Total			
Planned Revenue			2,106.00
Planned Costs			1,700.00
Planned Profit/Loss			406.00
Not Included			0.00

Key Figures	
Cumulative	
POC (%)	100.000
Planned Profit (%)	23.880

VA88

Actual Settlement: Sales Orders			
			
Sales Organization	8100		
Sales Document	15489	To	
Sales Document Item	10		
Parameters			
Settlement period	6	Posting period	
Fiscal Year	2016		
Processing Options			
<input type="checkbox"/> Background Processing <input checked="" type="checkbox"/> Test Run <input checked="" type="checkbox"/> Detail List <input checked="" type="checkbox"/> Check trans. data			
<div style="background-color: yellow; padding: 5px; display: inline-block;">Layouts</div>			

Actual Settlement: Sales Orders Detail list

Basic list Accounting documents Settlement rule

Detail list - Settled values

Senders	Short text: Sender	Receivers	Σ ValCOArCur	Inform.
SDI 15489/10	8100-S Order with Control & Non Valuated	PSG 0000000052	406.00-	
			= 406.00-	

List of Documents in Accounting

Doc. Number	Object type text
0000000021	Accounting document
0000000102	Controlling Document
0000000019	Profitab. Analysis

Joint Production

1). By Product Costing

In OKTZ, We have to maintain separate Component for By Product COGM

Change View "Cost Components with Attributes": Overview

Cost Components with Attributes

View: V_CKH3
Client: 800

CComp. Str	CComp	Name of Cost Comp.
81	10	Raw Material
81	20	Processing Material
81	30	Packing Material
81	40	Tools
81	50	Lubricants
81	60	Direct Labour
81	70	Indirect Labour
81	80	Factory Rent
81	90	Plant & Machine Rent
81	100	Royalties
81	110	Power
81	120	Fuel
81	130	Water
81	140	Depreciation
81	150	Repairs & Maintance
81	160	Quality Control Cost
81	170	Research & Dev Cost
81	180	By Product COGM

Testing-MM01

Create Material 8100-MAIN (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...

Material 8100-MAIN 8100-MAIN f

Plant 8100 8100-MFG Plant

Forecast Requirements

Period Indicator M Fiscal Year Variant Splitting indicator

Planning

Strategy group 10 Make-to-stock production

Consumption mode Bwd consumption per.

Fwd consumption per. Mixed MRP

Planning material Planning plant

Plng conv. factor Planning matl BUnit

Availability check

Availability check KP Tot. repl. lead time days

Cross-project

Plant-specific configuration

ConfigurableMaterial

Variant Configure variant

Create Material 8100-BY (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Forecasting Work scheduling P...

Material 8100-BY 8100-BY f

Plant 8100 8100-MFG Plant

Forecast Requirements

Period Indicator M Fiscal Year Variant Splitting indicator

Planning

Strategy group 10 Make-to-stock production

Consumption mode Bwd consumption per.

Fwd consumption per. Mixed MRP

Planning material Planning plant

Plng conv. factor Planning matl BUnit

Availability check

Availability check KP Tot. repl. lead time days

Cross-project

Plant-specific configuration

ConfigurableMaterial

Variant Configure variant

Create Material 8100-BY (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1

Material: 8100-BY 8100-BY
Plant: 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Valuation Data

Total Stock: 0 Base Unit: EA Each
Division: 81 Valuation Cat.:
Valuation Class: 81F1 ☐ Valuated Un
VC: Sale Ord. Stk:
Project Stock VC:
☒ ML act. Mat. Price Analysis
Price Determ.: 2 Transaction-Based

Prices and values

Currency: INR
Company code currency:
Standard Price: 100.00
Per. unit price:
Price Unit: 1
Prc. Ctrl: S
Inventory Value: 0.00

CS01

Create material BOM: General Item Overview

Subitems New Entries Header Validity

Material: 8100-MAIN 8100-MAIN
Plant: 8100 8100-MFG Plant
Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	15.06.2016	31.12.9999		<input type="checkbox"/>
0020	L	8100-RM2	8100-RM2	3	EA	<input type="checkbox"/>	<input type="checkbox"/>	15.06.2016	31.12.9999		<input type="checkbox"/>
0030	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	15.06.2016	31.12.9999		<input type="checkbox"/>
0040	L	8100-BY	8100-BY	1-	EA	<input type="checkbox"/>	<input type="checkbox"/>	15.06.2016	31.12.9999		<input type="checkbox"/>
0050	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>
0060	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>

KP26

Display Activity Type/Price Planning: Overview Screen

Line items

Version: 0 Plan/Act - Version
 Period: 6 To: 6
 Fiscal Year: 2016
 Cost Center: 8100-MAIN 8100-MAIN

Acti...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T	EquiNo	Act. sched.
DEPREC	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943011	1	1	0.0
F.RENT	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943005	1	1	0.0
FUEL	0	1	0	1	KWH	15.00	0.00	00001	1			943009	1	1	0
ILAB	0.0	1	0.0	1	HR	20.00	0.00	00001	1			943004	1	1	0.0
LABOUR	0.0	1	0.0	1	HR	15.00	0.00	00001	1			943003	1	1	0.0
LUBRIC	0	1	0	1	KG	10.00	0.00	00001	1			943002	1	1	0
PMRENT	0.0	1	0.0	1	HR	10.00	0.00	00001	1			943006	1	1	0.0
POWER	0	1	0	1	KWH	15.00	0.00	00001	1			943008	1	1	0
REPAIR	0.0	1	0.0	1	HR	20.00	0.00	00001	1			943012	1	1	0.0
ROYALI	0	1	0	1	TO	15.00	0.00	00001	1			943007	1	1	0
TOOLS	0	1	0	1	KG	10.00	0.00	00001	1			943001	1	1	0
WATER	0	1	0	1	L	12.00	0.00	00001	1			943010	1	1	0.0
*Activ	0.0		0.0										12		0.0

CR01

Create Work Center: Cost Center Assignment

HRMS Hierarchy Template

Plant: 8100 8100-MFG Plant
 Work center: 8100MAIN 8100-MAIN

Basic Data Default Values Capacities Scheduling Costing

Validity
 Start date: 15.06.2016 End Date: 31.12.9999

Link to cost center/activity types
 Controlling Area: 8100 8100-Company Code
 Cost Center: 8100-MAIN 8100-MAIN

Activities Overview

Alt. activity descr.	Activity Unit	R...	Form...	Formula description	Inc. wages ind
Machine Hr	HR		8881	Machine HR	
Labor Hr	HR		8882	Labor HR	
Power KWH	KWH		8883	Power KWH	
Fuel kwh	KWH		8884	Fuel Kwh	
Water L	L		8885	Water L	

CA01

Create Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material 8100-MAIN 8100-MAIN Grp.Count1

Operation

Operation/Activity 0010 Suboperation

Work center / PInt 8100MAIN / 8100 8100-MAIN

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity 1

Act./Operation UoM EA

Break

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10	HR	DEPREC	
Labor Hr	8	HR	LABOUR	
Power KWH	5	KWH	POWER	

Template Allocation

Create template 001 / 8100-MAIN

Hide editor

Template 8100-MAIN 8100-MAIN

Environment 001 Cost estimate/production orders

Template overview : change

Type	Description	Object	Unit	Plan quantity	Plan fix	Plan activation	Actual quantity	Actual fix	Actual activ...	Actual alloc...
Cost Center/Activity Type	8100-MAIN / Tools	8100-MAIN / TOOLS	KG	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-MAIN / Indirect Labour	8100-MAIN / ILAB	HR	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-MAIN / P&M Rent	8100-MAIN / PMRENT	HR	1		ACTIVE	2		ACTIVE	

CK11N

Create Material Cost Estimate with Quantity Structure

Costing Structure On Detail List On Hold

Material: 8100-MAIN 8100-MAIN
Plant: 8100

Costing Data Dates Qty Struct.

Costing Variant: PPC1 Standard Cost Est. ...
Costing Version: 1
Costing Lot Size: 0.000
Transfer Control:

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-MAIN 8100-MAIN
Plant: 8100

Costing Structure

- 8100-MAIN
 - 8100-RM1
 - 8100-RM2
 - 8100-PACK
 - 8100-BY

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 1 Costing Lot Size 1 EA COC

Itemization for material 8100-MAIN in plant 8100

ItemNo	Item	Resource	Cost Element	Σ	Total Value	Σ	Fixed Value	Currency	Quantity	Un
1	E	8100-MAIN 8100MAIN DEPREC	943011		100.00		100.00	INR	10.0	HR
2		8100-MAIN 8100MAIN LABOUR	943003		120.00		120.00	INR	8.0	HR
3		8100-MAIN 8100MAIN POWER	943008		75.00		75.00	INR	5	KWH
4		8100-MAIN 8100MAIN FUEL	943009		0.00		0.00	INR	0	KWH
5		8100-MAIN 8100MAIN WATER	943010		0.00		0.00	INR	0	L
10		8100-MAIN TOOLS	943001		10.00		10.00	INR	1	KG
11		8100-MAIN ILAB	943004		20.00		20.00	INR	1.0	HR
12		8100-MAIN PMRENT	943006		10.00		10.00	INR	1.0	HR
	E				335.00		335.00	INR		
13	G	8100-FG5 941001	941001		33.50		33.50	INR		
14		8100-FG5 941002	941002		33.50		33.50	INR		
	G				67.00		67.00	INR		
6	M	8100 8100-RM1	400000		200.00		0.00	INR	2	EA
7		8100 8100-RM2	400000		300.00		0.00	INR	3	EA
8		8100 8100-PACK	400030		120.00		0.00	INR	1	EA
9		8100 8100-BY	300510		100.00		0.00	INR	1	EA
	M				520.00		0.00	INR		
					922.00		402.00	INR		

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-MAIN Plant: 8100

Cost Components for Material 8100-MAIN Plant 8100

CComp	Name of Cost Comp.	Σ	Overall	Σ	Fixed	Σ	Variable	Crcy
10	Raw Material		500.00				500.00	INR
20	Processing Material							INR
30	Packing Material		120.00				120.00	INR
40	Tools		10.00		10.00			INR
50	Lubricants							INR
60	Direct Labour		120.00		120.00			INR
70	Indirect Labour		20.00		20.00			INR
80	Factory Rent							INR
90	Plant & Machine Rent		10.00		10.00			INR
100	Royalties							INR
110	Power		75.00		75.00			INR
120	Fuel							INR
130	Water							INR
140	Depreciation		100.00		100.00			INR
150	Repairs & Maintance							INR
160	Quality Control Cost		33.50		33.50			INR
170	Research & Dev Cost		33.50		33.50			INR
180	By Product COGM		100.00-				100.00-	INR
			922.00		402.00		520.00	INR

CK24

Price Update: Release Standard Price


Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	8100-MAIN	8100		FR	922.00	1	INR

CO01

Production Order Create: Initial Screen

Material	8100-MAIN	
Production Plant	8100	8100-MFG Plant
Planning Plant		
Order Type	PP01	Standard Production Order (int. number)
Order		


Copy from

Order 

Production order Display: Header

Order: 60004059 Type: PP01

Material: 8100-MAIN 8100-MAIN Plant: 8100

Status: REL PRC MANC SETC 

User Status: RLAL

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

Quantities

Total Qty	10	EA	Scrap Portion	0	0.00 %
Delivered	0		Short/Exc. Rcpt	0	

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	15.06.2016	22:49	15.06.2016	22:49		
Start	15.06.2016	22:49	15.06.2016	22:49		00:00
Release			15.06.2016		15.06.2016	

Scheduling

Type: 4 Current date

Reduction: No reduction carried out

Note: No scheduling note

Priority: ☐

Floats

Sched. Margin Key: 000

Float Bef. Prdn: 0 Workdays

Float After Prdn: 0 Workdays

Release Period: 0 Workdays

Cost Trend

Order 60004059 8100-MAIN							
Order Type PP01 Standard Production Order (int. number)							
Plant 8100 8100-MFG Plant							
Material 8100-MAIN 8100-MAIN							
Planned Quantity 10 EA Each							
Transaction	Origin	Origin (Text)	Σ Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-BY	8100-BY	1,000.00-	0.00	1,000.00	100.00-	INR
	8100/8100-RM1	8100-RM1	2,000.00	0.00	2,000.00-	100.00-	INR
	8100/8100-RM2	8100-RM2	3,000.00	0.00	3,000.00-	100.00-	INR
	8100/8100-PACK	8100-PACK	1,200.00	0.00	1,200.00-	100.00-	INR
Goods Issues			5,200.00	0.00	5,200.00-		INR
Confirmations	8100-MAIN/TOOLS	8100-MAIN / Tools	10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/LABOUR	8100-MAIN / Direct Labour	1,200.00	0.00	1,200.00-	100.00-	INR
	8100-MAIN/ILAB	8100-MAIN / Indirect Labour	20.00	0.00	20.00-	100.00-	INR
	8100-MAIN/PMRENT	8100-MAIN / P&M Rent	10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/POWER	8100-MAIN / Power	750.00	0.00	750.00-	100.00-	INR
	8100-MAIN/DEPREC	8100-MAIN / Depreciation	1,000.00	0.00	1,000.00-	100.00-	INR
Confirmations			2,990.00	0.00	2,990.00-		INR
Overhead	8100-FG5	8100-FG5	299.00	0.00	299.00-	100.00-	INR
	8100-FG5	8100-FG5	299.00	0.00	299.00-	100.00-	INR
Overhead			598.00	0.00	598.00-		INR
Goods Receipt	8100/8100-MAIN	8100-MAIN	9,220.00-	0.00	9,220.00	100.00-	INR
Goods Receipt			9,220.00	0.00	9,220.00		INR
			432.00	0.00	432.00		INR

CO11N

Enter Time Ticket for Production Order

☐ Goods Movements
 ☒ Actual Data

Confirmation: 123999
 Order: 60004059 Material: 8100-MAIN 8100-MAIN
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.:
 Work Center: 8100MAIN Plant: 8100 8100-MAIN

Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	100.0	HR	<input type="checkbox"/>
Labor Hr	80.0	HR	<input type="checkbox"/>
Power KWH	55	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>
Water L		L	<input type="checkbox"/>
Activity 6			<input type="checkbox"/>

Goods Movement

Enter Confirmation for Production Order: Goods Movements

Order: 60004059 Status: REL
 Material Number: 8100-MAIN 8100-MAIN
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 123999 Plant: 8100 Work center: 8100MAIN

Goods Movements Overview

Material	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...	SLED/E...	Date of M...	SLED/E...
8100-MAIN	EA	8100	8100			S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>				
8100-RM1	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>				
8100-RM2	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>				
8100-PACK	EA	8100	8100			H	261				<input checked="" 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"/>				

MB31-By Product Goods Receipt

Enter Other Goods Receipts: Initial Screen

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

Document Date: 15.06.2016 Posting Date: 15.06.2016
 Material Slip:
 Doc.Header Text: GR/GI Slip No.:

Defaults for Document Items

Movement Type	531	Special Stock	<input type="checkbox"/>
Plant	8100	Reason for Movement	<input type="text"/>
Storage Location	8100	<input type="checkbox"/> Suggest Zero Lines	

GR/GI Slip

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

Enter Other Goods Receipts: New Items

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

Movement Type GI by-product

Order

Recipient

Items						
F	Item Material	Quantity	UnE	S Loc	Batch	Re Plnt
1	8100-BY	10		8100		8100
2				8100		8100
3				8100		8100

CPTE

Actual Template Allocation: Order

Order

Parameters

Version Plan/Act - Version
 Period To
 Fiscal Year

Processing Options

☐ Background Processing
☐ Test Run
☒ Detail Lists
☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Actual Template Allocation: Order

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ Ttl Fx+Vbl value CAC	COCr	Template
ORD 60004059	ATY 8100-MAIN/ILAB	943004	2.0	HR	40.00	INR	8100-MAIN
	ATY 8100-MAIN/PMRENT	943006	2.0	HR	20.00	INR	8100-MAIN
	ATY 8100-MAIN/TOOLS	943001	2	KG	20.00	INR	8100-MAIN
ORD 60004059					80.00	INR	
					80.00	INR	

KGI2

Actual Overhead Calculation: Order

Order

Parameters

Period
Fiscal Year

Processing Options

☐ Test Run
☒ Dialog display

Display ORD 60004059 6/2016: Item - Conditions

Item
View Quantity Net INR
Tax

N..	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value
81-2		Conversion Costs					3,105.00	INR			0	0		0.00
81-3		Quality Control Cost	10.000	%			310.50	INR			0	0		0.00
81-4		Research & Dev Cost	10.000	%			310.50	INR			0	0		0.00
		GM	0.00	INR		1	3,726.00	INR			0	0		0.00

KKS2

Variance Calculation: Initial Screen

Order 8100-MAIN

Parameters

Period
Fiscal Year
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency

Version 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004059	9,220.00	9,366.00	9,220.00	0.00	0.00	146.00

KO88

Actual Settlement: Order

Settlement Rule

Order

Parameters

Settlement period	<input type="text" value="6"/>	Posting period	<input type="text" value=""/>
Fiscal Year	<input type="text" value="2016"/>	Asset value date	<input type="text" value=""/>
Processing type	<input type="text" value="1 Automatic"/>		

Processing Options

☐ Test Run

☒ Check trans. data

Actual Settlement: Order Detail list

Basic list

Detail list - Settled values

Senders	Text send.	Receivers	ValCOArCur	Inform.
ORD 60004059	8100-MAIN	MAT 8100/8100-MAIN	146.00	
		PSG 0000000054	146.00	Variances

CO03-Cost Trend

Order	60004059 8100-MAIN									
Order Type	PP01 Standard Production Order (int. number)									
Plant	8100 8100-MFG Plant									
Material	8100-MAIN 8100-MAIN									
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-BY	8100-BY		1,000.00-		1,000.00-		0.00		INR
	8100/8100-RM1	8100-RM1		2,000.00		2,200.00		200.00	10.00	INR
	8100/8100-RM2	8100-RM2		3,000.00		3,000.00		0.00		INR
	8100/8100-PACK	8100-PACK		1,200.00		1,440.00		240.00	20.00	INR
Goods Issues			■	5,200.00	■	5,640.00	■	440.00		INR
Confirmations	8100-MAIN/TOOLS	8100-MAIN / Tools		10.00		20.00		10.00	100.00	INR
	8100-MAIN/LABOUR	8100-MAIN / Direct Labour		1,200.00		1,200.00		0.00		INR
	8100-MAIN/ILAB	8100-MAIN / Indirect Labour		20.00		40.00		20.00	100.00	INR
	8100-MAIN/PMRENT	8100-MAIN / P&M Rent		10.00		20.00		10.00	100.00	INR
	8100-MAIN/POWER	8100-MAIN / Power		750.00		825.00		75.00	10.00	INR
	8100-MAIN/DEPREC	8100-MAIN / Depreciation		1,000.00		1,000.00		0.00		INR
Confirmations			■	2,990.00	■	3,105.00	■	115.00		INR
Overhead	8100-FG5	8100-FG5		299.00		310.50		11.50	3.85	INR
	8100-FG5	8100-FG5		299.00		310.50		11.50	3.85	INR
Overhead			■	598.00	■	621.00	■	23.00		INR
Goods Receipt	8100/8100-MAIN	8100-MAIN		9,220.00-		9,220.00-		0.00		INR
Goods Receipt			■	9,220.00-	■	9,220.00-	■	0.00		INR
Settlement		(without origin)		0.00		146.00-		146.00-		INR
Settlement			■	0.00	■	146.00-	■	146.00-		INR
			■ ■	432.00-	■ ■	0.00	■ ■	432.00		INR







Joint Production

2). CO Product Costing

Configuration

Create Source Structure-OKEU

Change View "Source structures": Overview of Selected Set

New Entries      







Dialog Structure

- Source structures
 - Assignments
 - Source

Source structures

Structure	Text
81	8100-Source Strcture

Change View "Assignments": Overview

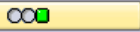
New Entries      

Dialog Structure







- Source structures
 - Assignments
 - Source

Structure Name 8100-Source Strcture

Assignments

Assgnmnt	Text	Overlapping Check
10	Product Costs	

Change View "Source": Overview

Dialog Structure

- Source structures
 - Assignments
 - Source

Structure Name 8100-Source Strcture

Assignment Product Costs

Controlling Area 8100-Company Code

Source

Field Label	From Value	To Value	Group
Acctg Indicator			
Cost Element	300500	999999	

Material Master Creation-MM01 for CO Products

Create Material 8100--MAIN (Finished product)

Additional Data Org. Levels Check Screen Data

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

Material: 8100--MAIN 8100--MAIN
Plant: 8100 8100-MFG Plant

Procurement

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

Scheduling

In-house production	1	days	Planned Deliv. Time		days
GR Processing Time		days	Planning calendar		
SchedMargin key	000				

Net requirements calculation

Safety Stock		Service level (%)	
Min safety stock		Coverage profile	

Display Material 8100--CO (Finished product)

Additional Data Org. Levels

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling F

Material: 8100--CO 8100--CO
Plant: 8100 8100-MFG Plant

Procurement

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

Scheduling

In-house production	1	days	Planned Deliv. Time	0	days
GR Processing Time	0	days	Planning calendar		
SchedMargin key	000				

Net requirements calculation

Safety Stock	0	Service level (%)	0.0
Min safety stock	0	Coverage profile	

BOM and Routing only for Main material need to be maintained.

CS01 –Bill of Material

Create material BOM: Initial Screen

Create variant of...

Material

Plant

BOM Usage

Alternative BOM

Validity

Change Number

Valid From

Revision Level

Create material BOM: General Item Overview

Subitems New Entries Header Validity

Material 8100--MAIN

Plant 8100-MFG Plant

Alternative BOM

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SI	Valid From	Valid to	Change No.	P...	SortStrng
0010	L	8100-RM1	8100-RM1	3	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>	
0020	L	8100-RM2	8100-RM2	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>	
0030	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>	
0040	L	8100--CO	8100--CO	1-	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>	
0050	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
0060	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
0070	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
0080	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	

Change material BOM: Item: All data

Reference items | Subitems | Long Text

Material: 8100--MAIN 8100--MAIN
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

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

Item Category: L Stock item
 Item ID: 00000004
 Sort String:
☐ Sub-item ID

Quantity Data
 Quantity: 1- EA ☐ Fixed quantity
 Operation scrap in % ☐ Net ID Component scrap (%) ☐

General Data
☒ Co-product
 AltItemGroup:
☐ Recurs. allowed
☐ Recursive
☐ CAD Indicator
☐ ALE indicator
 Discontin. data
 Reference point:
 MRP Data
 Lead-time offset:
 Oper. LT offset:
 Distribution key:
☐ Phantom item
 Explosion type:

KP26-Activity Type Planning

Change Activity Type/Price Planning: Overview Screen

Line items | Change Values

Version: 0 Plan/Act - Version
 Period: 6 To: 6
 Fiscal Year: 2016
 Cost Center: 8100/MAIN 8100/MAIN

Acti...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P..	A..	Alloc. cost...	T	EquiNo	Act. sched.	L..
DEPREC		1		1	HR	12.00		00001	1			943011	1	1	0.0	
F.RENT		1		1	HR	10.00		00001	1			943005	1	1	0.0	
FUEL		1		1	KWH	15.00		00001	1			943009	1	1	0	
ILAB		1		1	HR	20.00		00001	1			943004	1	1	0.0	
LABOUR		1		1	HR	12.00		00001	1			943003	1	1	0.0	
LUBRIC		1		1	KG	10.00		00001	1			943002	1	1	0	
PMRENT		1		1	HR	15.00		00001	1			943006	1	1	0.0	
POWER		1		1	KWH	20.00		00001	1			943008	1	1	0	
REPAIR		1		1	HR	12.00		00001	1			943012	1	1	0.0	
ROYALI		1		1	TO	10.00		00001	1			943007	1	1	0	
TOOLS		1		1	KG	15.00		00001	1			943001	1	1	0	
WATER		1		1	L	20.00		00001	1			943010	1	1	0	

CA01

Create Routing: Operation Details

Material 8100--MAIN 8100--MAIN Grp.Count1

Operation

Operation/Activity 0010 Suboperation

Work center / Plnt 8100/MAI / 8100 8100/MAIN

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity 1

Act./Operation UoM EA

Break

Machine Hr 10 Un HR Act. Type DEPREC

Labor Hr 8 HR LABOUR

Power KWH 5 KWH POWER

Fuel kwh 1 EL

Water L WATER

Conversion of Units of Measure

Header	Unit	Operat.	UoM
1	EA	1	EA

In Material, Joint production combination need to be maintained

MM02-MRP2 tab

Change Material 8100--MAIN (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling

Material 8100--MAIN 8100--MAIN 8100-MFG Plant

Plant 8100

Procurement

Procurement type E

Special procurement

Quota arr. usage

Backflush

JIT delivery sched.

☒ Co-product

☐ Bulk Material

Batch entry

Prod. stor. location

Default supply area

Storage loc. for EP

Stock det. grp

Joint production

Scheduling

In-house production 1 days

GR Processing Time days

SchedMargin key 000

Planned Deliv. Time days

Planning calendar

Net requirements calculation

Safety Stock

Min safety stock

Service level (%)

Coverage profile

Maintain Cost apportionment Structure

Change Material 8100--MAIN (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling

Material 8100--MAIN 8100--MAIN
Plant 8100 8100-MFG Plant

Procurement

Procurement type ☐ E Batch entry
Special procurement ☐ Prod. stor. location
Quota arr. usage ☐ Default supply area
Backflush ☐ Storage loc. for EP
JIT delivery sched. ☐ Stock det. grp
☒ Co-product **Joint production**
☐ Bulk Material

Scheduling

In-house production 1 days Planned Deliv. Time
GR Processing Time days Planning calendar
SchedMargin key 000

Net requirements calculation

Safety Stock Service level (%)
Min safety stock Coverage profile

Cost Apportionment to Co-Products: Apportionment Structures

Material 8100--MAIN
Plant 8100

No.	Description	Struc.	Text
100	JOINT PRODUCTION	81	

Equivalence Numbers

Maintain Equivalence numbers for all CO products

Change Material 8100--MAIN (Finished product)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Work scheduling

Material 8100--MAIN 8100--MAIN
Plant 8100 8100-MFG Plant

Procurement

Procurement type ☐ E Batch entry
Special procurement ☐ Prod. stor. location
Quota arr. usage ☐ Default supply area
Backflush ☐ Storage loc. for EP
JIT delivery sched. ☐ Stock det. grp
☒ Co-product **Joint production**
☐ Bulk Material

Scheduling

In-house production 1 days Planned Deliv. Time
GR Processing Time days Planning calendar
SchedMargin key 000

Net requirements calculation

Safety Stock Service level (%)
Min safety stock Coverage profile

Cost Apportionment to Co-Products: Equivalence Numbers

Material 8100--MAIN
Plant 8100
Apportionment Struct 100 JOINT PRODUCTION

Ass	Text	Co-product	Valid to	EqNo
10		8100--MAIN	31.12.9999	80
10		8100--CO	31.12.9999	20

Structures

CK11N-Cost estimation with Qty Structure

Create Material Cost Estimate with Quantity Structure

Costing Structure On Detail List On Hold

Material: 8100--MAIN
Plant: 8100

Costing Data Dates Qty Struct.

Costing Variant: PPC1
Costing Version: 1
Costing Lot Size:
Transfer Control:

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100--MAIN 8100--MAIN
Plant: 8100

Costing Structure

- 8100--MAIN
 - 8100-RM1
 - 8100-RM2
 - 8100-PACK
 - 8100-CO

Itemization for material 8100--MAIN in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100/MAIN 8100/MAI DEPREC	943011	1,200.00	1,200.00	INR	100.0	HR
2		8100/MAIN 8100/MAI LABOUR	943003	960.00	960.00	INR	80.0	HR
3		8100/MAIN 8100/MAI POWER	943008	1,000.00	1,000.00	INR	50	K...
4		8100/MAIN 8100/MAI FUEL	943009	0.00	0.00	INR	0	K...
5		8100/MAIN 8100/MAI WATER	943010	0.00	0.00	INR	0	L
10		8100-MAIN TOOLS	943001	10.00	10.00	INR	1	KG
11		8100-MAIN ILAB	943004	20.00	20.00	INR	1.0	HR
12		8100-MAIN PMRENT	943006	10.00	10.00	INR	1.0	HR
	E			3,200.00	3,200.00	INR		
13	G	8100-FG5 941001	941001	320.00	320.00	INR		
14		8100-FG5 941002	941002	320.00	320.00	INR		
	G			640.00	640.00	INR		
6	M	8100 8100-RM1	400000	3,000.00	0.00	INR	30	EA
7		8100 8100-RM2	400000	2,000.00	0.00	INR	20	EA
8		8100 8100-PACK	400030	1,200.00	0.00	INR	10	EA
9		8100 8100-CO	300510	480.00	480.00	INR	10	EA
	M			5,720.00	480.00	INR		
				9,560.00	3,360.00	INR		

For the Main Material BOM & Routing combination is coming

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100--MAIN 8100--MAIN
Plant: 8100

Costing Structure: 8100--MAIN
 • 8100-RM1
 • 8100-RM2
 • 8100-PACK
 • 8100-CO

Costing Data Dates Qty Struct. Valuation History Costs

BOM Data: BOM 00003881 Usage 1 Alternative 1
 Routing Data: Task List Type N Group 50001646 Group Counter 1
 Production Version

Itemization for material 8100--MAIN in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100/MAIN 8100/MAI DEPREC	943011	1,200.00	1,200.00	INR	100.0	HR
2		8100/MAIN 8100/MAI LABOUR	943003	960.00	960.00	INR	80.0	HR
3		8100/MAIN 8100/MAI POWER	943008	1,000.00	1,000.00	INR	50	K...
4		8100/MAIN 8100/MAI FUEL	943009	0.00	0.00	INR	0	K...
5		8100/MAIN 8100/MAI WATER	943010	0.00	0.00	INR	0	L
10		8100-MAIN TOOLS	943001	10.00	10.00	INR	1	KG
11		8100-MAIN ILAB	943004	20.00	20.00	INR	1.0	HR
12		8100-MAIN PMRENT	943006	10.00	10.00	INR	1.0	HR

CK11N-For CO product

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100--CO 8100--CO
Plant: 8100

Costing Structure: 8100--CO
 • 8100--MAIN
 • 8100-RM1
 • 8100-RM2
 • 8100-PACK

Itemization for material 8100--CO in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
6	A	8100 8100--MAIN	300500	8,032.00	3,072.00	INR	10	EA
	A			8,032.00	3,072.00	INR		
1	E	8100/MAIN 8100/MAI DEPREC	943011	1,200.00	1,200.00	INR	100.0	HR
2		8100/MAIN 8100/MAI LABOUR	943003	960.00	960.00	INR	80.0	HR
3		8100/MAIN 8100/MAI POWER	943008	1,000.00	1,000.00	INR	50	K...
4		8100/MAIN 8100/MAI FUEL	943009	0.00	0.00	INR	0	K...
5		8100/MAIN 8100/MAI WATER	943010	0.00	0.00	INR	0	L
10		8100-MAIN TOOLS	943001	10.00	10.00	INR	1	KG
11		8100-MAIN ILAB	943004	20.00	20.00	INR	1.0	HR
12		8100-MAIN PMRENT	943006	10.00	10.00	INR	1.0	HR
	E			3,200.00	3,200.00	INR		
13	G	8100-FG5 941001	941001	320.00	320.00	INR		
14		8100-FG5 941002	941002	320.00	320.00	INR		
	G			640.00	640.00	INR		
7	M	8100 8100-RM1	400000	3,000.00	0.00	INR	30	EA
8		8100 8100-RM2	400000	2,000.00	0.00	INR	20	EA
9		8100 8100-PACK	400030	1,200.00	0.00	INR	10	EA
	M			6,200.00	0.00	INR		
				2,008.00	768.00	INR		

We can see Joint production data is coming for CO product

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100--CO 8100--CO
Plant: 8100

Costing Structure: 8100--CO

- 8100--MAIN
- 8100-RM1
- 8100-RM2
- 8100-PACK

Costing Data Dates Qty Struct. Valuation History Costs

BOM Data

BOM: 00003881
Usage: 1
Alternative: 1

Routing Data

Task List Type: N
Group: 50001646
Group Counter: 1

Production Version

Joint Production

Process: 8100--MAIN
Prod. Version:
Apportionment: 100

Itemization for material 8100--CO in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
6	A	8100 8100--MAIN	300500	8,032.00-	3,072.00-	INR	10-	EA
	A			8,032.00-	3,072.00-	INR		
1	E	8100/MAIN 8100/MAI DEPREC	943011	1,200.00	1,200.00	INR	100.0	HR
2		8100/MAIN 8100/MAI LABOUR	943003	960.00	960.00	INR	80.0	HR
3		8100/MAIN 8100/MAI POWER	943008	1,000.00	1,000.00	INR	50.0	K

CK24-Marking & Release

Price Update: Mark Standard Price

Release Other Prices Log

Posting Period/Fiscal Year: 6 2016 Marking Allowance

Company Code: 8100 to
Plant: 8100 to
Material: to

Multiple Selection for Material

Select Single Values (2) Select Ranges Exclude Single Values Exclude Ranges

Single value

- 8100--MAIN
- 8100--CO

Valuation View

☒ Legal Valuation
☒ Group Valuation
☒ Profit Center Valuation

Processing Options

☒ Test Run
☒ With List Output
☐ Parallel Processing

Price Update: Mark Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Σ	Fut. plnd price	Standard price	Pr
	8100-CO	8100		VO		200.80	0.00	
	8100-MAIN	8100		VO		956.00	0.00	
						1,156.80		

Price Update: Release Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	8100-CO	8100		FR	200.80	1	INR
	8100-MAIN	8100		FR	956.00	1	INR



CO01-Production Order Creation**Production Order Create: Initial Screen**

Material
 Production Plant 8100-MFG Plant
 Planning Plant
 Order Type Standard Production Order (int. number)
 Order

Copy from

Order 

Production order Create: Header

Order: 600000000001  Type: PP01
Material: 8100--MAIN 8100--MAIN Plant: 8100
Status: CRTD MANC SETC  ☒ Multiple Items

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

Quantities

Total Qty: 10 EA Scrap Portion: 0.00 \$
Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	16.06.2016	06:35	16.06.2016	06:35		
Start	16.06.2016	06:35	16.06.2016	06:35		00:00
Release			16.06.2016			

Scheduling

Type: 4 Current date
Reduction: No reduction carried out
Note: No scheduling note
Priority: ☐

Floats

Sched. Margin Key: 000
Float Bef. Prdn: ☐ Workdays
Float After Prdn: ☐ Workdays
Release Period: ☐ Workdays

Cost Trend-CO product material will come Goods receipt line.

Order	60004060 8100--MAIN						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100--MAIN 8100--MAIN						
Planned Quantity	70 FA Each						
Transaction	Origin	Origin (Text)	Σ Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1	3,000.00	0.00	3,000.00-	100.00-	INR
	8100/8100-RM2	8100-RM2	2,000.00	0.00	2,000.00-	100.00-	INR
	8100/8100-PACK	8100-PACK	1,200.00	0.00	1,200.00-	100.00-	INR
Goods Issues			6,200.00	0.00	6,200.00-	100.00-	INR
Confirmations	8100-MAIN/TOOLS	8100-MAIN / Tools	10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/LABOUR	8100-MAIN / Direct Labour	960.00	0.00	960.00-	100.00-	INR
	8100-MAIN/ILAB	8100-MAIN / Indirect Labour	20.00	0.00	20.00-	100.00-	INR
	8100-MAIN/PMRENT	8100-MAIN / P&M Rent	10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/POWER	8100-MAIN / Power	1,000.00	0.00	1,000.00-	100.00-	INR
	8100-MAIN/DEPREC	8100-MAIN / Depreciation	1,200.00	0.00	1,200.00-	100.00-	INR
Confirmations			3,200.00	0.00	3,200.00-	100.00-	INR
Overhead	8100-FG5	8100-FG5	320.00	0.00	320.00-	100.00-	INR
	8100-FG5	8100-FG5	320.00	0.00	320.00-	100.00-	INR
Overhead			640.00	0.00	640.00-	100.00-	INR
Goods Receipt	8100/8100--MAIN	8100--MAIN	9,560.00-	0.00	9,560.00	100.00-	INR
	8100/8100--CO	8100--CO	2,008.00-	0.00	2,008.00	100.00-	INR
Goods Receipt			11,568.00-	0.00	11,568.00	100.00-	INR
			1,528.00-	0.00	1,528.00	100.00-	INR

CO11N-Production Order Confirmation

Enter Time Ticket for Production Order

Goods Movements |
 Actual Data

Confirmation
 Order Material 8100--MAIN
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant 8100/MAIN

Confirm.type ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	<input type="text" value="10"/>	<input type="text" value="EA"/>
Scrap	<input type="text"/>	
Rework	<input type="text"/>	
Reason for Var.	<input type="text"/>	

Activities


	To Be Confirmed	Unit	R
Machine Hr	<input type="text" value="100.0"/>	<input type="text" value="HR"/>	<input type="checkbox"/>
Labor Hr	<input type="text" value="82"/>	<input type="text" value="HR"/>	<input type="checkbox"/>
Power KWH	<input type="text" value="52"/>	<input type="text" value="KWH"/>	<input type="checkbox"/>
Fuel kwh	<input type="text"/>	<input type="text" value="KWH"/>	<input type="checkbox"/>
Water L	<input type="text"/>	<input type="text" value="L"/>	<input type="checkbox"/>

Enter Confirmation for Production Order: Goods Movements

Order Status: REL
 Material Number 8100--MAIN
 Oper./Act. Sequence
 Confirmation Plant Work center

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...
8100-RM1	32	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM2	22	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK	12	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

Goods Receipt-MB31***Goods Receipt for Order: Initial Screen***
 Adopt + Details To Order... WM Parameters...

Document Date 16.06.2016 Posting Date 16.06.2016

Delivery Note

Doc. Header Text

Defaults for Document Items

Movement Type 101

Order 60004060

Plant 8100 Reason for Movement




Stor. Location 8100 ☐ Suggest Zero Lines

GR/GI Slip

☐ Print ☐ Individual Slip

☒ Indiv.Slip w.Inspect.Text

☐ Collective Slip

Goods Receipt for Order: Selection Screen 0001 / 0002
   Adopt + Details To Order...

Posting Date 16.06.2016

Items

F	Item	Quantity	EU	Material	Plnt	SLoc	Order	C
			BU	Material Description			Batch	Re MvT S S
<input checked="" type="checkbox"/>	1	10	EA	8100--MAIN	8100	8100	60004060	<input type="checkbox"/>
				8100--MAIN				101 + <input type="checkbox"/>
<input checked="" type="checkbox"/>	2	10	EA	8100--CO	8100	8100	60004060	<input type="checkbox"/>
				8100--CO				101 + <input type="checkbox"/>

Cost Trend

Order	60004060 8100--MAIN						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100--MAIN 8100--MAIN						
Planned Quantity	20 EA Each						
Actual Quantity	20 EA Each						

Transaction	Origin	Origin (Text)	Σ	Total plan	Σ Ttl actual csts	Σ Variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		3,000.00	3,200.00	200.00	6.67	INR
	8100/8100-RM2	8100-RM2		2,000.00	2,200.00	200.00	10.00	INR
	8100/8100-PACK	8100-PACK		1,200.00	1,440.00	240.00	20.00	INR
Goods Issues				6,200.00	6,840.00	640.00		INR
Confirmations	8100-MAIN/TOOLS	8100-MAIN / Tools		10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/LABOUR	8100-MAIN / Direct Labour		960.00	984.00	24.00	2.50	INR
	8100-MAIN/ILAB	8100-MAIN / Indirect Labour		20.00	0.00	20.00-	100.00-	INR
	8100-MAIN/PMRENT	8100-MAIN / P&M Rent		10.00	0.00	10.00-	100.00-	INR
	8100-MAIN/POWER	8100-MAIN / Power		1,000.00	1,040.00	40.00	4.00	INR
	8100-MAIN/DEPREC	8100-MAIN / Depreciation		1,200.00	1,200.00	0.00		INR
Confirmations				3,200.00	3,224.00	24.00		INR
Overhead	8100-FG5	8100-FG5		320.00	0.00	320.00-	100.00-	INR
	8100-FG5	8100-FG5		320.00	0.00	320.00-	100.00-	INR
Overhead				640.00	0.00	640.00-		INR
Goods Receipt	8100/8100--MAIN	8100--MAIN		9,560.00-	9,560.00-	0.00		INR
	8100/8100--CO	8100--CO		2,008.00-	2,008.00-	0.00		INR
Goods Receipt				11,568.00-	11,568.00-	0.00		INR
				1,528.00-	1,504.00-	24.00		INR

Template Allocation-CPTA - Individual Processing

Actual Template Allocation: Order

Order

Parameters

Version Plan/Act - Version

Period To

Fiscal Year

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Order**Result**

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004060	ATY 8100-MAIN/ILAB	943004	2.0	HR		40.00	INR		8100-MAIN
	ATY 8100-MAIN/PMRENT	943006	2.0	HR		20.00	INR		8100-MAIN
	ATY 8100-MAIN/TOOLS	943001	2	KG		20.00	INR		8100-MAIN
ORD 60004060						80.00	INR		
						80.00	INR		

Overhead-KGI2 - Individual Processing**Actual Overhead Calculation: Order**

Order

60004060

Parameters

Period

6

Fiscal Year

2016

Processing Options☐ Test Run☒ Dialog display**Display ORD 60004060 6/2016: Item - Conditions**

Item 1

View 1 Pricing Elements: Table

Quantity

0.000

Net

3,964.80

INR

Tax

0.00

Pricing Elements

N.	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUUn	CCon...	Un	Condition value	CdCur
81-2		Conversion Costs					3,304.00	INR		0		0		0.00	
81-3		Quality Control Cost	10.000	%			330.40	INR		0		0		0.00	
81-4		Research & Dev Cost	10.000	%			330.40	INR		0		0		0.00	
		COGM	0.00	INR	1		3,964.80	INR		0		0		0.00	

Preliminary Settlement for Co-Products, Rework- CO8B - Individual Processing

Preliminary Settlement for Co-Products, Rework

⌚ Settlement Rule

Order

Parameters

Settlement period Posting period

Fiscal Year

Processing Options

☐ Test Run

☒ Check trans. data

Previous settlements - Detail list

Itemization Settlement rule

Previous settlements - settled values

Senders	Text send.	Receivers	Σ	ValCOArCur	Inform.
ORD 60004060	8100--MAIN	OIT 60004060/1		8,643.84	
		OIT 60004060/2		2,160.96	
				10,804.80	

Variances - KKS2 - Individual Processing

Variance Calculation: Initial Screen

⌚

Order 8100--MAIN

Parameters

Period

Fiscal Year

☒ All target cost vsns 000

☐ Selected Target Cost Vsns

Processing options

☐ Test Run

☒ Detail list

Variance Calculation: List								
Basic List Cost Elements Scrap Variance Categories								
Period	6	Fiscal year	2016	Messages	1	Currency	INR	
Version	0 Target Cost Version (0)			10 Company code currency				

CO03-Cost Trend

Order	60004060 8100--MAIN	
Order Type	PP01 Standard Production Order (int. number)	
Plant	8100 8100-MFG Plant	
Material	8100--MAIN 8100--MAIN	
Planned Quantity	20 EA Each	
Actual Quantity	20 EA Each	

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		3,000.00		3,200.00		200.00	6.67	INR
	8100/8100-RM2	8100-RM2		2,000.00		2,200.00		200.00	10.00	INR
	8100/8100-PACK	8100-PACK		1,200.00		1,440.00		240.00	20.00	INR
Goods Issues			■	6,200.00	■	6,840.00	■	640.00		INR
Confirmations	8100-MAIN/TO...	8100-MAIN / Tools		10.00		20.00		10.00	100.00	INR
	8100/MAIN/LA...	8100/MAIN / Direct Labour		960.00		984.00		24.00	2.50	INR
	8100-MAIN/ILAB	8100-MAIN / Indirect Labour		20.00		40.00		20.00	100.00	INR
	8100-MAIN/PM...	8100-MAIN / P&M Rent		10.00		20.00		10.00	100.00	INR
	8100/MAIN/PO...	8100/MAIN / Power		1,000.00		1,040.00		40.00	4.00	INR
	8100/MAIN/DE...	8100/MAIN / Depreciation		1,200.00		1,200.00		0.00		INR
Confirmations			■	3,200.00	■	3,304.00	■	104.00		INR
Overhead	8100-FG5	8100-FG5		320.00		330.40		10.40	3.25	INR
	8100-FG5	8100-FG5		320.00		330.40		10.40	3.25	INR
Overhead			■	640.00	■	660.80	■	20.80		INR
Goods Receipt	8100/8100--MA...	8100--MAIN		9,560.00-		9,560.00-		0.00		INR
	8100/8100--CO	8100--CO		2,008.00-		2,008.00-		0.00		INR
Goods Receipt			■	11,568.00-	■	11,568.00-	■	0.00		INR
Settlement		(without origin)		0.00		763.20		763.20		INR
Settlement			■	0.00	■	763.20	■	763.20		INR
			■ ■	1,528.00-	■ ■	0.00	■ ■	1,528.00		INR

Split Valuation Costing process

1) Multiple procure process for Raw Materials

Split Valuation Configuration

Activate Split Valuation-OMW0

Activate Valuation

Material valuation

☒ Split material valuation active

☐ Split material valuation not active

OMWC

Definitions Goto System Help

Split Valuation of Materials

Global Types Global Categories Local Definitions

Click on Global types

Create 6 Valuation types

2 for Raw material, 2 for Semi finished Product and 2 for finished product.

8100-DOM: Domestic Purchase

8100-IMP: Import Purchase

8100-Pur: SFG Purchase

8100-MFG: SFG Manufacturing

8100-LINE1: Line 1 Mfg proess

8100-LINE2: Line 2 Mfg proess

Change Valuation Type

Change Account Cat. Ref. Valuation Type + Valuation Type -

Valuation Type 8100-DOM

Local valuation

Ext. Purchase Orders	<input type="text" value="2"/>	
Int. purchase orders	<input type="text" value="0"/>	
Acct cat. reference	<input type="text" value="0001"/>	Reference for raw materials

Change Valuation Type

Change Account Cat. Ref. Valuation Type + Valuation Type -

Valuation Type 8100-IMP

Local valuation

Ext. Purchase Orders	<input type="text" value="2"/>	
Int. purchase orders	<input type="text" value="0"/>	
Acct cat. reference	<input type="text" value="0001"/>	Reference for raw materials

Create Valuation Type

Create Account Cat. Ref.

Valuation Type 8100-PUR

Attributes

Ext. Purchase Orders	<input type="text" value="2"/>	
Int. purchase orders	<input type="text" value="0"/>	
Acct cat. reference	<input type="text" value="0008"/>	Ref. for semifinished products

Create Valuation Type

Create Account Cat. Ref.

Valuation Type 8100-MFG

Attributes

Ext. Purchase Orders	0
Int. purchase orders	2
Acct cat. reference	0008 Ref. for semifinished products

Create Valuation Type

Create Account Cat. Ref.

Valuation Type 8100-LINE1

Attributes

Ext. Purchase Orders	0
Int. purchase orders	2
Acct cat. reference	0009 Ref. for finished products

Create Valuation Type

Create Account Cat. Ref.

Valuation Type 8100-LINE2

Attributes

Ext. Purchase Orders	0
Int. purchase orders	2
Acct cat. reference	0009 Ref. for finished products



Click on Global Categories

Create Valuation Category

Create

Valuation Category

Attributes

Description

Default: ext. procure.

☐ Ext. procurement mand

Default: in-house

☐ In-house prod. mand.

☐ Val. type automatic

Change Valuation Category

Change Valuation Category + Valuation Category -

Valuation cat

Default: val.type ext. procure.

Default: val.type ext. proc. mand ☐

Default: val.type in-house prod

Default: val.type in-house mand. ☒

Defit val.type: action

Defit val.type: obligat. action ☐

Determine val. type automat. ☐

Create Valuation Category

Create

Valuation Category

Attributes

Description

Default: ext. procure.

☐ Ext. procurement mand.

Default: in-house

☐ In-house prod. mand.

☐ Val. type automatic

Create and SAVE.

Then come back one step and click on Local Definitions

Definitions Goto System Help

Split Valuation of Materials

Global Types Global Categories Local Definitions

Select Valuation Category 1,2 and 3 and then activate.

Valuation Category 1: Allocate Valuation Types

Valuation Category + Valuation Category - Cat. -> OUs Local Definitions Local Definitions

Valuation Cat.

Assignment

Status	Valuation Type	Ex	In	ARef	Description
<input type="text" value="Active"/>	<input type="text" value="8100-IMP"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0001"/>	<input type="text" value="Reference for raw materials"/>
<input type="text" value="Active"/>	<input type="text" value="8100-DOM"/>	<input type="text" value="2"/>	<input type="text" value="0"/>	<input type="text" value="0001"/>	<input type="text" value="Reference for raw materials"/>

Valuation Category 2: Allocate Valuation Types

Valuation Category + Valuation Category - Cat. -> OUs Local Definitions Local Definitions

Valuation Cat. 2 Semifinished

Assignment

Status	Valuation Type	Ex	In	ARef	Description
	8100-IMP	2	0	0001	Reference for raw materials
	8100-LINE1	0	2	0009	Ref. for finished products
	8100-LINE2	0	2	0009	Ref. for finished products
Active	8100-MFG	0	2	0008	Ref. for semifinished products
Active	8100-PUR	2	0	0008	Ref. for semifinished products
	8900-DOM	2	0	0001	Reference for raw materials
	8900-TYP	2	0	0001	Reference for raw materials

Valuation Category 3: Allocate Valuation Types

Valuation Category + Valuation Category - Cat. -> OUs Local Definitions Local Definitions

Valuation Cat. 3 Finished

Assignment

Status	Valuation Type	Ex	In	ARef	Description
	8100-IMP	2	0	0001	Reference for raw materials
Active	8100-LINE1	0	2	0009	Ref. for finished products
Active	8100-LINE2	0	2	0009	Ref. for finished products
	8100-MFG	0	2	0008	Ref. for semifinished products
	8100-PUR	2	0	0008	Ref. for semifinished products

Select Plants and click on category (F7)**Local Definitions: Select Plant**

Cats. -> OU Local Types Local Categories

Plant	Organizational unit name	City
7510	Centro Rosario, Argentina	Rosario
7520	Centro Cordoba, Argentina	Cordoba
7530	DC Santa Fé, Argentina	Santa Fé
7535	DC Mendoza, Argentina	Mendoza, Argentina
7540	DC Santiago Chile	Santiago
7550	DC Bogotá, Colombia	Bogotá
7771	7777-Depot Plant	
7777	7777-MFG Plant	
8100	8100-MFG Plant	
8101	8100-Depot Plant	
8500	Best Run Australia	
8522	Sydney	North Sydney
8524	Brisbane	Brisbane
8528	Melbourne	Melbourne

Select 1,2 and 3 Valuation Category and click on activate button.

Plant 8100: Allocate Valuation Categories

Local Types Local Categories

Allocation of Valuation Categories

Status	Valuation Cat.	DVT ExtPr	ExP	DVT InhPr	Inh	DVT Promo.	PrM	VT
Active	1 Raw Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active	2 Semifinished	<input type="checkbox"/>	<input type="checkbox"/>	8100-MFG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active	3 Finished	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Plant 8101: Allocate Valuation Categories

Local Types Local Categories

Allocation of Valuation Categories

Status	Valuation Cat.	DVT ExtPr	ExP	DVT InhPr	Inh	DVT Promo.	PrM	VT
Active	1 Raw Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active	2 Semifinished	<input type="checkbox"/>	<input type="checkbox"/>	8100-MFG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active	3 Finished	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional Valuation Class for Split Valuation-OMSK

Change View "Valuation Classes": Overview of Selected Set

New Entries

ValCl	ARef	Description	Description
81F1	0009	Finished Product	Ref. for finished products
81F2	0009	Finished Product-Line1	Ref. for finished products
81F3	0009	Finished Product-Line2	Ref. for finished products
81R1	0001	Raw Materials	Reference for raw materials
81R2	0001	Raw Materials-DOM	Reference for raw materials
81R3	0001	Raw Materials-IMP	Reference for raw materials
81S1	0008	Semifinished Product	Ref. for semifinished products
81S2	0008	Semifinished Product-PUR	Ref. for semifinished products
81S3	0008	Semifinished Product-MFG	Ref. for semifinished products

Testing

New Raw Material Creation or Existing also we active split valuation

Change Material 8100-RM2 (Raw material)

Additional Data Org. Levels Check Screen Data

Plant data / stor. 2 Accounting 1 Accounting 2 Costing 1

Material: 8100-RM2 8100-RM2
Plant: 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock	0	Base Unit	EA Each
Division	81	Valuation Cat.	1
Valuation Class	81R1	<input type="checkbox"/> Valuated Un	
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.	
Project Stock VC		Price Determin.	2 Transaction-Based

Prices and values

Currency: INR Company code currency

Standard Price:

Per. unit price: 100.00

Price Unit: 1

Prc. Ctrl: ☒ V

Change Material 8100-RM2 (Raw material)

Additional Data Org. Levels Check Screen Data

Plant data / stor. 2 Accounting 1 Accounting 2 Costing 1

Material: 8100-RM2 8100-RM2
Plant: 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Data

Base Unit of Measure	EA Each	Valuation Category	1
Currency	INR	Current period	6 2016
Division	81	Price Determination	2 <input checked="" type="checkbox"/> ML act.

Current Valuation

Valuation Class	81R1	Proj. stk val. class	<input type="text"/>
VC: Sales order stk	<input type="text"/>	Price Unit	1
Price control	<input checked="" type="checkbox"/> V	Standard price	<input type="text"/>
Moving price	100.00	Total Value	0.00
Total Stock	0	<input type="checkbox"/> Valuated Un	
Future price	<input type="text"/>	Valid from	<input type="text"/>

Again MM01 for the same Material

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material: 8100-RM2
 Industry sector: M Mechanical Engin...
 Material Type: ROH Raw material

Change Number:

Copy from...
 Material:

Organizational Levels

Organizational levels

Plant	8100	8100-MFG Plant
Stor. Location	8100	8100-S.Location
Valuation type		
Sales Org.	8100	8100-Sales Org
Distr. Channel	81	8100-D.channel

Profiles

MRP profile:

☐ Org. levels/profiles only on request

Select Valuation Type as 8100-DOM

Display Material 8100-RM2 (Raw material)

Additional Data Org. Levels

Plant data / stor. 2 Accounting 1 Accounting 2 Plant stock S..

Material: 8100-RM2 8100-RM2
 Plant: 8100 8100-MFG Plant
 Val. type: 8100-DOM

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock	90,000	Base Unit	EA Each
Division	81	Valuation Cat.	1
Valuation Class	81R2	<input type="checkbox"/> Valuated Un	
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.	
Project Stock VC		Price Determin.	2 Transaction-Based

Prices and values

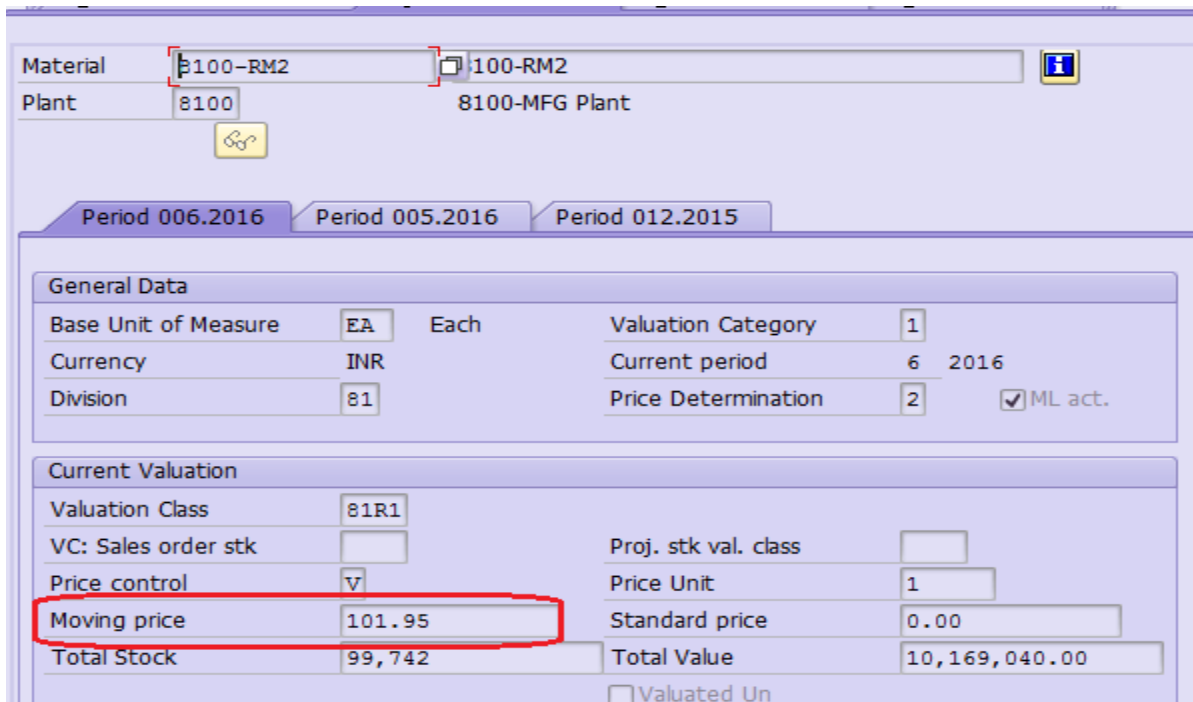
Currency	INR
Company code currency	
Standard Price	0.00
Per. unit price	100.00
Price Unit	1
Prc. Ctrl	V

Similarly second valuation type also to be extended

After extended three price are coming

One is header level-101.95

Another's are Valuation level 8100-DOM; 100.00 and 8100-IMP; 120.00



Material: 8100-RM2, Plant: 8100, 8100-MFG Plant

Period: 006.2016, 005.2016, 012.2015

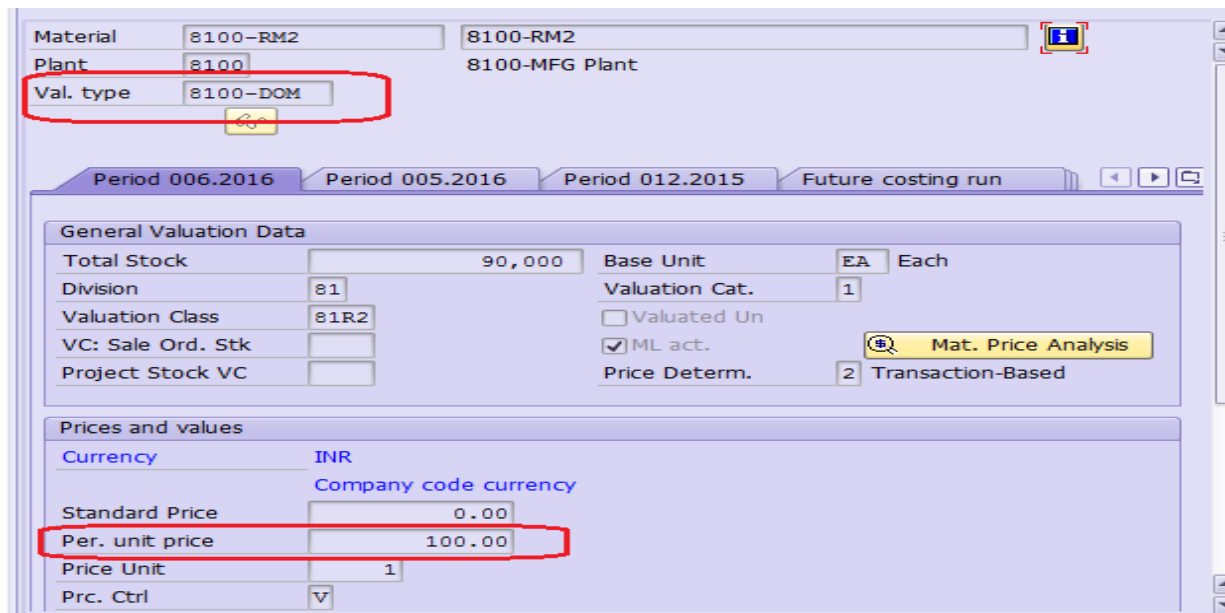
General Data

Base Unit of Measure	EA	Each	Valuation Category	1
Currency	INR		Current period	6 2016
Division	81		Price Determination	2 <input checked="" type="checkbox"/> ML act.

Current Valuation

Valuation Class	81R1	Proj. stk val. class	
VC: Sales order stk		Price Unit	1
Price control	V	Standard price	0.00
Moving price	101.95	Total Value	10,169,040.00
Total Stock	99,742		

☐ Valuated Un



Material: 8100-RM2, Plant: 8100, 8100-MFG Plant

Val. type: 8100-DOM

Period: 006.2016, 005.2016, 012.2015, Future costing run

General Valuation Data

Total Stock	90,000	Base Unit	EA	Each
Division	81	Valuation Cat.	1	
Valuation Class	81R2	<input type="checkbox"/> Valuated Un		
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.		
Project Stock VC		Price Determ.	2	Transaction-Based


Prices and values

Currency	INR	Company code currency	
Standard Price	0.00		
Per. unit price	100.00		
Price Unit	1		
Prc. Ctrl	V		

[Mat. Price Analysis](#)

Material 8100-RM2 8100-RM2 

Plant 8100 8100-MFG Plant

Val. type 8100-IMP 

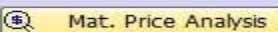
Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock 9,742 Base Unit EA Each

Division 81 Valuation Cat. 1

Valuation Class 81R3 ☐ Valuated Un.

VC: Sale Ord. Stk ☐ ☒ ML act. 

Project Stock VC ☐ Price Determ. 2 Transaction-Based

Prices and values

Currency INR Company code currency

Standard Price 0.00





Per. unit price 120.00

Price Unit 1

Prc. Ctrl V

CS01-Bill of Material

Create material BOM: General Item Overview

 Subitems New Entries   Header  Validity

Material 8100-FG12 8100-FG12

Plant 8100 8100-MFG Plant

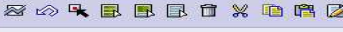

Alternative BOM 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	SortStrng	It
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>		
0020	L	8100-RM2	8100-RM2	3	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>		
0030	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>		

KP26

Change Activity Type/Price Planning: Overview Screen

 Line Items Change Values 

Version 0 Plan/Act - Version

Period 6 To 6

Fiscal Year 2016

Cost Center 8100-FG12 8100-FG12

Eq	Activ...	Plan activity	Dis...	Capacity	Dis...	U...	Fixed price	Variable pr...	Price ...	Pl...	P...	A...	Alloc. cost...	T	EquiNo	Act. sched.	L...
	DEPREC		1		1	HR	12.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943011	1	1	0.0	<input type="checkbox"/>
	F. RENT		1		1	HR	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943005	1	1	0.0	<input type="checkbox"/>
	FUEL		1		1	KWH	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943009	1	1	0	<input type="checkbox"/>
	ILAB		1		1	HR	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943004	1	1	0.0	<input type="checkbox"/>
	LABOUR		1		1	HR	12.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943003	1	1	0.0	<input type="checkbox"/>
	LUBRIC		1		1	KG	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943002	1	1	0	<input type="checkbox"/>
	PMRENT		1		1	HR	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943006	1	1	0.0	<input type="checkbox"/>
	POWER		1		1	KWH	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943008	1	1	0	<input type="checkbox"/>
	REPAIR		1		1	HR	12.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943012	1	1	0.0	<input type="checkbox"/>
	ROYALI		1		1	TO	10.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943007	1	1	0	<input type="checkbox"/>
	TOOLS		1		1	KG	15.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943001	1	1	0	<input type="checkbox"/>
	WATER		1		1	L	20.00		00001	1	<input type="checkbox"/>	<input type="checkbox"/>	943010	1	1	0	<input type="checkbox"/>
	*Activ	0.0		0.0											12	0.0	

CR01

Create Work Center: Cost Center Assignment

HRMS
 Hierarchy
 Template

Plant: 8100 8100-MFG Plant
 Work center: 8100FG12 8100 FG12

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

Validity
 Start date: 16.06.2016 End Date: 31.12.9999

Link to cost center/activity types
 Controlling Area: 8100 8100-Company Code
 Cost Center: 8100-FG12 8100-FG12

Activities Overview

Alt. activity descr.	Activity Unit	R...	Form...	Formula description	Inc. wages inc
Machine Hr	HR	<input type="checkbox"/>	8881	Machine HR	
Labor Hr	HR	<input type="checkbox"/>	8882	Labor HR	
Power KWH	KWH	<input type="checkbox"/>	8883	Power KWH	
Fuel kwh	KWH	<input type="checkbox"/>	8884	Fuel Kwh	
Water L	L	<input type="checkbox"/>	8885	Water L	

Template Allocation

Create template 001 / 8100-FG12

Hide editor

Template: 8100-FG12 8100-FG12
 Environment: 001 Cost estimate/production orders

Template overview : change

Type	Description	Object	Unit	Plan quantity	Plan fix	Plan activati...	Actual quan...	Actual fix	Actual activ...	Actual alloc...
Cost Center/Activity Type	8100-FG12 / Lubricants	8100-FG12 / LUBRIC	KG	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-FG12 / Indirect Labour	8100-FG12 / ILAB	HR	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-FG12 / P&M Rent	8100-FG12 / PMRENT	HR	1		ACTIVE	2		ACTIVE	

CK11N-Cost estimation

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG12 8100-FG12
Plant: 8100

Costing Structure: 8100-FG12

- 8100-RM1
- 8100-RM2
- 8100-PACK

Itemization for material 8100-FG12 in plant 8100


ItemNo	ItemCat	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG12 8100FG12 DEPREC	943011	120.00	120.00	INR	10.0	HR
2		8100-FG12 8100FG12 LABOUR	943003	96.00	96.00	INR	8.0	HR
3		8100-FG12 8100FG12 POWER	943008	100.00	100.00	INR	5	KWH
4		8100-FG12 8100FG12 FUEL	943009	0.00	0.00	INR	0	KWH
5		8100-FG12 8100FG12 WATER	943010	0.00	0.00	INR	0	L
9		8100-FG12 LUBRIC	943002	10.00	10.00	INR	1	KG
10		8100-FG12 ILAB	943004	20.00	20.00	INR	1.0	HR
11		8100-FG12 PMRENT	943006	15.00	15.00	INR	1.0	HR
E				361.00	361.00	INR		
12	G	8100-FG5 941001	941001	36.10	36.10	INR		
13		8100-FG5 941002	941002	36.10	36.10	INR		
G				72.20	72.20	INR		
6	M	8100 8100-RM1	400000	300.00	0.00	INR	3	EA
7		8100 8100-RM2	400000	101.95	0.00	INR	1	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				521.95	0.00	INR		
				955.15	433.20	INR		

Here we can observe, 8100-RM2 material rate 101.95 is taking i.e, header level price.

Now Production Order Creation-CO01

Production Order Create: Initial Screen

Material: 8100-FG12
Production Plant: 8100 8100-MFG Plant
Planning Plant:
Order Type: pp01
Order:

Copy from
Order: 

Production order Create: Header

Order: 600000000001 Type: PP01
Material: 8100-FG12 8100-FG12 Plant: 8100
Status: CRTD MANC SETC

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

Quantities
Total Qty: 10 EA Scrap Portion: 0.00 %
Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	16.06.2016	14:08	16.06.2016	14:08		
Start	16.06.2016	14:08	16.06.2016	14:08		00:00
Release			16.06.2016			

Scheduling
Type: 4 Current date
Reduction: No reduction carried out
Note: No scheduling note
Priority:

Floats
Sched. Margin Key: 000
Float Bef. Prdn: ☐ Workdays
Float After Prdn: ☐ Workdays
Release Period: ☐ Workdays

Cost Trend

Here also we can observe, 8100-RM2 material rate 101.95 is taking i.e, header level price as planned price

Order 60004061 8100-FG12							
Order Type PP01 Standard Production Order (int. number)							
Plant 8100 8100-MFG Plant							
Material 8100-FG12 8100-FG12							
Planned Quantity 10 EA Each							
Transaction	Origin	Origin (Text)	Σ Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1	3,000.00	0.00	3,000.00-	100.00-	INR
	8100/8100-RM2	8100-RM2	1,019.50	0.00	1,019.50-	100.00-	INR
	8100/8100-PACK	8100-PACK	1,200.00	0.00	1,200.00-	100.00-	INR
			5,219.50	0.00	5,219.50-		INR
Goods Issues Confirmations	8100-FG12/LUBRIC	8100-FG12 / Lubricants	10.00	0.00	10.00-	100.00-	INR
	8100-FG12/LABOUR	8100-FG12 / Direct Labour	960.00	0.00	960.00-	100.00-	INR
	8100-FG12/ILAB	8100-FG12 / Indirect Labour	20.00	0.00	20.00-	100.00-	INR
	8100-FG12/PMRENT	8100-FG12 / P&M Rent	15.00	0.00	15.00-	100.00-	INR
	8100-FG12/POWER	8100-FG12 / Power	1,000.00	0.00	1,000.00-	100.00-	INR
	8100-FG12/DEPREC	8100-FG12 / Depreciation	1,200.00	0.00	1,200.00-	100.00-	INR
			3,205.00	0.00	3,205.00-		INR
Overhead	8100-FG5	8100-FG5	320.50	0.00	320.50-	100.00-	INR
	8100-FG5	8100-FG5	320.50	0.00	320.50-	100.00-	INR
			641.00	0.00	641.00-		INR
Goods Receipt	8100/8100-FG12	8100-FG12	9,551.50-	0.00	9,551.50	100.00-	INR
Goods Receipt			9,551.50-	0.00	9,551.50		INR
			486.00-	0.00	486.00		INR

CO11N-Activity Confirmation

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: 124001
 Order: 60004061 Material: 8100-FG12 8100-FG12
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.:
 Work Center: 8100FG12 Plant: 8100 8100 FG12

Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	102.0	HR	<input type="checkbox"/>
Labor Hr	82.0	HR	<input type="checkbox"/>
Power KWH	52	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>
Water L		L	<input type="checkbox"/>
Activity 6			<input type="checkbox"/>

Goods Movement-

Here system will ask Valuation type for 8100-RM2 material

Enter Confirmation for Production Order: Goods Movements

Order: 60004061 Status: REL
 Material Number: 8100-FG12 8100-FG12
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 124001 Plant: 8100 Work center: 8100FG12

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation...	D...	M...	S...	V...
8100-FG12		10 EA	8100	8100			S	101		
8100-RM1		32 EA	8100	8100			H	261		
8100-RM2		10 EA	8100	8100			H	261		
8100-PACK		12 EA	8100	8100			H	261		

Valuation Types From 8100-RM2 (4) 2 Entries found

Restrictions

Material	Plant	Val. Type
8100-RM2	8100	8100-DOM
8100-RM2	8100	8100-IMP

2 Entries found

Entry 1/ 4 (4)

Select For ex: 8100-DOM valuation type.

Enter Confirmation for Production Order: Goods Movements

Order: 60004061 Status: REL
 Material Number: 8100-FG12 8100-FG12
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 124001 Plant: 8100 Work center: 8100FG12

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation...	D...	M...	Spe...	Vendor	Customer	Compltd	D...	Date of M...
8100-FG12		10 EA	8100	8100			S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM1		32 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM2		10 EA	8100	8100		8100-DOM	H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK		12 EA	8100	8100			H	261				<input checked="" 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"/>	

Cost Trend

Order	60004061	8100-FG12
Order Type	PP01 Standard Production Order (int. number)	
Plant	8100	8100-MFG Plant
Material	8100-FG12	8100-FG12
Planned Quantity	10 EA	Each
Actual Quantity	10 EA	Each

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		3,000.00		3,200.00		200.00	6.67	INR
	8100/8100-RM2	8100-RM2		1,019.50		1,000.00		19.50-	1.91-	INR
	8100/8100-PACK	8100-PACK		1,200.00		1,440.00		240.00	20.00	INR
Goods Issues			■	5,219.50	■	5,640.00	■	420.50		INR
Confirmations	8100-FG12/LUBRIC	8100-FG12 / Lubricants		10.00		0.00		10.00-	100.00-	INR
	8100-FG12/LABOUR	8100-FG12 / Direct Labour		960.00		984.00		24.00	2.50	INR
	8100-FG12/ILAB	8100-FG12 / Indirect Labour		20.00		0.00		20.00-	100.00-	INR
	8100-FG12/PMRENT	8100-FG12 / P&M Rent		15.00		0.00		15.00-	100.00-	INR
	8100-FG12/POWER	8100-FG12 / Power		1,000.00		1,040.00		40.00	4.00	INR
	8100-FG12/DEPREC	8100-FG12 / Depreciation		1,200.00		1,224.00		24.00	2.00	INR
Confirmations			■	3,205.00	■	3,248.00	■	43.00		INR
Overhead	8100-FG5	8100-FG5		320.50		0.00		320.50-	100.00-	INR
	8100-FG5	8100-FG5		320.50		0.00		320.50-	100.00-	INR
Overhead			■	641.00	■	0.00	■	641.00-		INR
Goods Receipt	8100/8100-FG12	8100-FG12		9,551.50-		9,551.50-		0.00		INR
Goods Receipt			■	9,551.50-	■	9,551.50-	■	0.00		INR
			■ ■	486.00-	■ ■	663.50-	■ ■	177.50-		INR

Here also we can observe, 8100-RM2 material rate 1000 is taking i.e, Valuation level price as Actual price

Template Allocation- CPTA - Individual Processing

Actual Template Allocation: Order

Order: 60004061

Parameters

Version: 0 Plan/Act - Version

Period: 6 To: 6

Fiscal Year: 2016

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004061	ATY 8100-FG12/ILAB	943004	2.0	HR		40.00	INR		8100-FG12
	ATY 8100-FG12/LUBRIC	943002	2	KG		20.00	INR		8100-FG12
	ATY 8100-FG12/PMRENT	943006	2.0	HR		30.00	INR		8100-FG12
ORD 60004061						90.00	INR		
						90.00	INR		

Overhead- KGI2 - Individual Processing

Actual Overhead Calculation: Order

Order: 60004061

Parameters

Period: 6

Fiscal Year: 2016

Processing Options

☐ Test Run

☒ Dialog display

Display ORD 60004061 6/2016: Item - Conditions

Item View Quantity Net INR Tax

N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCur
81-2		Conversion Costs					3,338.00	INR			0	0		0.00	
81-3		Quality Control Cost	10.000	\$			333.80	INR			0	0		0.00	
81-4		Research & Dev Cost	10.000	\$			333.80	INR			0	0		0.00	
		GM	0.00	INR		1	4,005.60	INR			0	0		0.00	

Variances- KKS2 - Individual Processing

Variance Calculation: List

Basic List Cost Elements ☒ Scrap ☒ Variance Categories

Period Fiscal year Messages Currency

Version 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004061	9,551.50	9,645.60	9,551.50	0.00	0.00	94.10

Actual Settlement: Order

Settlement Rule

Order

Parameters

Settlement period Posting period

Fiscal Year Asset value date

Processing type

Processing Options

☐ Test Run

☒ Check trans. data

Actual Settlement: Order Detail list

Basic list Sender Receiver Accounting documents Settlement rule Save Select

Detail list - Settled values

Senders	Text send.	Receivers	ValCOArCur	Inform.
ORD 60004061	8100-FG12	MAT 8100/8100-FG12	94.10	
		PSG 0000000061	94.10	Variances

CO03-Cost Trend

Order 60004061 8100-FG12
Order Type PP01 Standard Production Order (int. number)
Plant 8100 8100-MFG Plant
Material 8100-FG12 8100-FG12

Planned Quantity 10 EA Each
Actual Quantity 10 EA Each

Target Cost Version 0 Target Cost Version

Cumulative Data
Legal Valuation
Company Code Currency/Object Currency

Transaction	Origin	Origin (Text)	Σ Total plan	Σ Total actual costs	Σ Variance	P/A var(%)	Currency	Σ Price Variance	Σ Qty var.	Σ RemInputVa	Σ ResUsgVar	Σ LotSizeVar
Goods Issues	8100/8100-RM1	8100-RM1	3,000.00	3,200.00	200.00	6.67	INR	0.00	200.00	0.00	0.00	0.00
	8100/8100-RM2	8100-RM2	1,019.50	1,000.00	19.50-	1.91-	INR	19.50-	0.00	0.00	0.00	0.00
	8100/8100-PACK	8100-PACK	1,200.00	1,440.00	240.00	20.00	INR	0.00	240.00	0.00	0.00	0.00
Goods Issues			5,219.50	5,640.00	420.50		INR	19.50-	440.00	0.00	0.00	0.00
Confirmations	8100-FG12/LUBRIC	8100-FG12 / Lubricants	10.00	20.00	10.00	100.00	INR	0.00	80.00-	0.00	0.00	0.00
	8100-FG12/LABOUR	8100-FG12 / Direct Labour	960.00	984.00	24.00	2.50	INR	0.00	24.00	0.00	0.00	0.00
	8100-FG12/ILAB	8100-FG12 / Indirect Labour	20.00	40.00	20.00	100.00	INR	0.00	160.00-	0.00	0.00	0.00
	8100-FG12/PMRENT	8100-FG12 / P&M Rent	15.00	30.00	15.00	100.00	INR	0.00	120.00-	0.00	0.00	0.00
	8100-FG12/POWER	8100-FG12 / Power	1,000.00	1,040.00	40.00	4.00	INR	0.00	40.00	0.00	0.00	0.00
	8100-FG12/DEPREC	8100-FG12 / Depreciation	1,200.00	1,224.00	24.00	2.00	INR	0.00	24.00	0.00	0.00	0.00
Confirmations			3,205.00	3,338.00	133.00		INR	0.00	272.00-	0.00	0.00	0.00
Overhead		(without origin)	320.50	333.80	13.30	4.15	INR	0.00	0.00	27.20-	0.00	0.00
		(without origin)	320.50	333.80	13.30	4.15	INR	0.00	0.00	27.20-	0.00	0.00

OBYC-GBB-VBR same consumption GL was assigned, so that 19.50 price diff falls under Input Price Diff.

Suppose the different GL was assigned, then that price diff 19.50 will comes under Resource Variance.

Data Browser: Table T030 Select Entries 25

Check Table...

Cl.	ChAc	Trs	VGcd	AM	ValCl	G/L Acct	G/L Acct
800	8100	GBB	0001	VBR	81R1	0000400000	0000400000
800	8100	GBB	0001	VBR	81R2	0000400000	0000400000
800	8100	GBB	0001	VBR	81R3	0000400000	0000400000

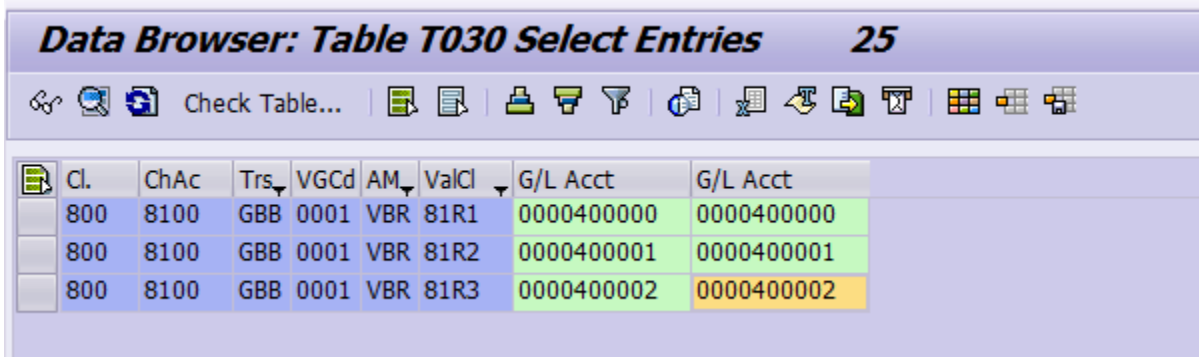
In next scenario we can test with different G/L accounts.

Split Valuation Costing process

2).Multiple procure (Purchase & Manufacturing) process for SFG Materials

First OBYC GBB-VBR mapping for RM Consumption GLs

Data Browser: Table T030 Select Entries 25



CL	ChAc	Trs	VGCd	AM	ValCl	G/L Acct	G/L Acct
800	8100	GBB	0001	VBR	81R1	0000400000	0000400000
800	8100	GBB	0001	VBR	81R2	0000400001	0000400001
800	8100	GBB	0001	VBR	81R3	0000400002	0000400002

We can test SFG purchase and mfg process along with RM different consumption GLs.

Testing

MM01-Material master Creation

Create Material 2992 (Semi-finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1

Material 2992 SFG purchase and mfg process
Plant 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Valuation Data

Total Stock 0 Base Unit EA Each
Division Valuation Cat. 2
Valuation Class
VC: Sale Ord. Stk
Project Stock VC

Prices and values

Currency INR Company code
Standard Price
Per. unit price
Price Unit 1
Prc. Ctrl
Inventory Value 0.00

Valuation Category (4) 3 Entries found

Restrictions

ValCat Description

1	Raw Material
2	Semifinished
3	Finished

3 Entries found

Material-2992 created

Again-MM01

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material 2992

Industry sector M Mechanical Engin...

Material Type HALB Semi-finished...

Change Number

Copy from...

Material

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material 2992

Industry sector M Mechanical Engin...

Material Type HALB Semi-finished...

Change Number

Copy from...

Material

Organizational Levels

Organizational levels

Plant 8100 8100-MFG Plant

Stor. Location 8100 8100-S.Location

Valuation type

Valuation Type (4) 2 Entries found

Restrictions

Maint. Val. Type

8100-MFG

8100-PUR

2 Entries found


default Setting

Select Valuation type and enter and create


Display Material 2992 (Semi-finished product)

Additional Data Org. Levels

Plant data / stor. 2 Accounting 1 Accounting 2 Plant stock S..

Material 2992 FG purchase and mfg process 

Plant 8100 8100-MFG Plant

Val. type 8100-PUR 

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock	0	Base Unit	EA	Each
Division		Valuation Cat.	2	
Valuation Class	81S2	<input type="checkbox"/> Valuated Un		
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.		
Project Stock VC		Price Determ.	2	Transaction-Based

Prices and values

Currency INR Company code currency

Standard Price	0.00
Per. unit price	500.00
Price Unit	1
Prc. Ctrl	V

Display Material 2992 (Semi-finished product)

Additional Data Org. Levels

Plant data / stor. 2 Accounting 1 Accounting 2 Plant stock S..

Material: 2992 FG purchase and mfg process

Plant: 8100 8100-MFG Plant

Val. type: 8100-MFG

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock: 0 Base Unit: EA Each

Division: Valuation Cat.: 2

Valuation Class: 81S3 ☐ Valuated Un

VC: Sale Ord. Stk: ☒ ML act. Mat. Price Analysis

Project Stock VC: Price Determin.: 3 Single-/Multilevel

Prices and values

Currency: INR Company code currency

Standard Price: 0.00

Per. unit price: 0.00

Price Unit: 1

Prc. Ctrl: S

Now Purchase process

Purchase order creation

ME21N

Create Purchase Order

Document Overview On Hold Print Preview Messages Personal Setting Save As Template Load from Template

NB Standard PO Vendor: A8100 8100-VENDOR Doc. date: 16.06.2016

Header

S...	Item	A	I	Material	Short Text	PO Quantity	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plant	Stor. Location
10				2992	SFG purchase and mfg pr...	100	EA	16.06.2016	500.00	INR	1	EA		8100-MFG Plant	8100-S.Locatio...

Default Values Add Planning

Item 1 [10] 2992, SFG purchase and mfg process

Valuation Type (1) 2 Entries found

Material Data Quantities/Weights Delivery Schedule Restrictions Confirmations Condition Control Retail

Overdelv. Tol. % ☐ Unlimited

Underdel. Tol. % ☐ Origin Accept.

Shipping Instr.:

Stock Type: Unrestricted use

Valuation Type: **8100-MFG** **8100-PUR**

Rem. Shelf Life: 3

QA Control Key:

2 Entries found

In item level we can give 8100-PUR valuation type for purchase process

Create Purchase Order

Document Overview On | Hold | Park | Print Preview | Messages | Personal Setting | Save As Template | Load from Template

NB Standard PO | Vendor | A8100 8100-VENDOR | Doc. date | 16.06.2016

Header

Item Overview

Item | 1 [10] 2992, SFG purchase and mfg process

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Texts | Delivery Address | Confirmations | Condition Control | Retail

Overdeliv. Tol. | Unlimited | 1st Rem./Exped. | Goods Receipt

Underdel. Tol. | Origin Accept. | 2nd Rem./Exped. | GR non-validated

Shipping Instr. | 3rd Rem./Exped. | Deliv. Compl.

Stock Type | Unrestricted use | No. Exped. | 0

Valuation Type | 8100-PUR | Pl. Deliv. Time | GR Proc. Time | Latest GR Date

Rem. Shelf Life | D | Incoterms

QA Control Key

MIGO-Goods Receipt

A01 Goods Receipt | R01 Purchase Order | Plant | 8100 | GR goods receipt | 101

General | Vendor

Document Date | 16.06.2016 | Delivery Note | Vendor | 8100-VENDOR

Posting Date | 16.06.2016 | Bill of Lading | HeaderText

1 Individual Slip | GR/GI Slip No.

Line	Mat. Short Text	OK	Qty in UnE	E...	SLoc	Profit Center	Batch	Valuation Type	M...	D	Stock Type	Pint	S...
1	SFG purchase and mfg process		100	EA	8100-S.Location	8100		8100-PUR	101	+	Unrestrict...	8100-MFG Pl.	

Material | Quantity | Where | Purchase Order Data | Partner | Account Assignment

Movement Type | 101 | + GR goods receipt | Stock type | Unrestricted use

Plant | 8100-MFG Plant | 8100

Storage Location | 8100-S.Location | 8100

Goods recipient

Unloading Point

After GRN

Display Material 2992 (Semi-finished product)

Additional Data Org. Levels

Plant data / stor. 2 Accounting 1 Accounting 2 Plant stock S..

Material 2992 SFG purchase and mfg process

Plant 8100 8100-MFG Plant

Val. type 8100-PUR

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock	100	Base Unit	EA	Each
Division		Valuation Cat.	2	
Valuation Class	81S2	<input type="checkbox"/> Valuated Un		
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.		Mat. Price Analysis
Project Stock VC		Price Determ.	2	Transaction-Based

Prices and values

Currency INR Company code currency

Standard Price	0.00
Per. unit price	500.00
Price Unit	1
Prc. Ctrl	V

We can see stock for 8100-PUR valuation type.

Now we can do production process for the same material.

CS01-Bill of Material

Create material BOM: General Item Overview

Material: 2992 SFG purchase and mfg process
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999
0020	L	8100-RM2	8100-RM2	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999
0030	L					<input type="checkbox"/>	<input type="checkbox"/>		
0040	L					<input type="checkbox"/>	<input type="checkbox"/>		

Create Routing: Operation Details

Material: 2992 SFG purchase and mfg process Grp.Count1

Work center Routings Sequences CompAlloc PRT

Operation

Operation/Activity: 0010 Suboperation:

Work center / Plnt: 8100FG12 / 8100 8100 FG12

Control key: PP99 In-house prod. milestone with GR

Standard text key:

☐ Long text exists

Standard Values

Base Quantity: 1

Act./Operation UoM: EA

Break:

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10.0	HR	DEPREC	<input type="text"/>
Labor Hr	8.0	HR	LABOUR	<input type="text"/>
Power KWH	5	KWH	POWER	<input type="text"/>
Fuel kwh	<input type="text"/>		FUEL	<input type="text"/>
Water L	<input type="text"/>		WATER	<input type="text"/>

CK11N-Cost estimation

Create Material Cost Estimate with Quantity Structure

Costing Structure On Detail List On Hold

Material: 2992 SFG purchase and mfg process

Plant: 8100

Costing Data Dates Qty Struct.

Costing Variant: PPC1 Standard Cost Est. ...

Costing Version: 1

Costing Lot Size: 0.000

Transfer Control:

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 2992 SFG purchase and mfg process

Plant: 8100

Costing Structure: SFG purchase and mfg process


Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 2992 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG12 8100FG12 DEPREC	943011	120.00	120.00	INR	10.0	HR
2		8100-FG12 8100FG12 LABOUR	943003	96.00	96.00	INR	8.0	HR
3		8100-FG12 8100FG12 POWER	943008	100.00	100.00	INR	5	KWH
4		8100-FG12 8100FG12 FUEL	943009	0.00	0.00	INR	0	KWH
5		8100-FG12 8100FG12 WATER	943010	0.00	0.00	INR	0	L
8		8100-FG12 LUBRIC	943002	10.00	10.00	INR	1	KG
9		8100-FG12 ILAB	943004	20.00	20.00	INR	1.0	HR
10		8100-FG12 PMRENT	943006	15.00	15.00	INR	1.0	HR
	E			361.00	361.00	INR		
11	G	8100-FG5 941001	941001	36.10	36.10	INR		
12		8100-FG5 941002	941002	36.10	36.10	INR		
	G			72.20	72.20	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	101.95	0.00	INR	1	EA
	M			301.95	0.00	INR		
				735.15	433.20	INR		

CK24-Release standard Cost estimate

Price Update: Release Standard Price



Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	2992	8100	8100-MFG	FR	735.15	1	INR
	2992	8100		FR	735.15	1	INR

Here we can observe valuationtype will come at the time of released Standard Costing.

MM03

Display Material 2992 (Semi-finished product)

Additional Data Org. Levels

Plant data / stor. 2 Accounting 1 Accounting 2 Plant stock S..

Material: 2992 SFG purchase and mfg process

Plant: 8100 8100-MFG Plant

Val. type: 8100-MFG

Period 006.2016 Period 005.2016 Period 012.2015 Future costing run

General Valuation Data

Total Stock	0	Base Unit	EA Each
Division		Valuation Cat.	2
Valuation Class	81S3	<input type="checkbox"/> Valuated Un	
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.	Mat. Price Analysis
Project Stock VC		Price Determ.	3 Single-/Multilevel

Prices and values

Currency	INR
Company code currency	
Standard Price	735.15
Per. unit price	0.00
Price Unit	1
Prc. Ctrl	S

CO01-Production Order creation

Production Order Create: Initial Screen

Material	<input type="text" value="2992"/>	
Production Plant	<input type="text" value="8100"/>	8100-MFG Plant
Planning Plant	<input type="text" value=""/>	
Order Type	<input type="text" value="PP01"/>	Standard Production Order (int. number)
Order	<input type="text" value=""/>	

Copy from

Order



Order 60004062 000000000000002992
Order Type PP01 Standard Production Order (int. number)
Plant 8100 8100-MFG Plant
Material 2992 SFG purchase and mfg process

Planned Quantity 10 EA Each

Cumulative Data

Transaction	Origin	Origin (Text)	Σ Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1	2,000.00	0.00	2,000.00-	100.00-	INR
	8100/8100-RM2	8100-RM2	1,019.50	0.00	1,019.50-	100.00-	INR
			3,019.50	0.00	3,019.50-		INR
Confirmations	8100-FG12/LUBRIC	8100-FG12 / Lubricants	10.00	0.00	10.00-	100.00-	INR
	8100-FG12/LABOUR	8100-FG12 / Direct Labour	960.00	0.00	960.00-	100.00-	INR
	8100-FG12/ILAB	8100-FG12 / Indirect Labour	20.00	0.00	20.00-	100.00-	INR
	8100-FG12/PMRENT	8100-FG12 / P&M Rent	15.00	0.00	15.00-	100.00-	INR
	8100-FG12/POWER	8100-FG12 / Power	1,000.00	0.00	1,000.00-	100.00-	INR
	8100-FG12/DEPREC	8100-FG12 / Depreciation	1,200.00	0.00	1,200.00-	100.00-	INR
			3,205.00	0.00	3,205.00-		INR
Overhead	8100-FG5	8100-FG5	320.50	0.00	320.50-	100.00-	INR
	8100-FG5	8100-FG5	320.50	0.00	320.50-	100.00-	INR
			641.00	0.00	641.00-		INR
Goods Receipt	8100/2992	SFG purchase and mfg process	7,351.50-	0.00	7,351.50	100.00-	INR
			7,351.50-	0.00	7,351.50		INR
			486.00-	0.00	486.00		INR

CO11N

Enter Time Ticket for Production Order

Goods Movements |
 Actual Data

Confirmation: 124002
 Order: 60004062 | Material: 2992 | SFG purchase and mfg process
 Operation: 0010 | Sequence: 0
 Suboperation:
 Capacity Cat.:
 Work Center: 8100FG12 | Plant: 8100 | 8100 FG12
 Split:
 Confirm.type: X Final confirmation | ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	101.0	HR	<input type="checkbox"/>
Labor Hr	84.0	HR	<input type="checkbox"/>
Power KWH	53	KWH	<input type="checkbox"/>
Fuel kwh		KWH	<input type="checkbox"/>
Water L		L	<input type="checkbox"/>
Activity 6			<input type="checkbox"/>

Goods Movement

Here 8100-RM2 valuation type assigned to 8100-DOM and default system will pick FG material 2992 as 8100-MFG.

Enter Confirmation for Production Order: Goods Movements

Order: 60004062 | Status: REL
 Material Number: 2992 | SFG purchase and mfg process
 Oper./Act.: 0010 | Sequence: 0
 Confirmation: 124002 | Plant: 8100 | Work center: 8100FG12

Goods Movements Overview

Material	Quantity	U...	Plant	Stor...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...	St
2992	10	EA	8100	8100		8100-MFG	S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>		
8100-RM1	22	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>		
8100-RM2	10	EA	8100	8100		8100-DOM	H	261				<input checked="" 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"/>	<input type="checkbox"/>		

CO03-

Production order Display: Header

Order: 60004062 Type: PP01
Material: 2992 SFG purchase and mfg process Plant: 8100
Status: REL CNF DLV PRC GMPS MANC SETC
User Status: RLAL

General Assignment **Goods Receipt** Control Dates/Qties Master Data Long Text Administration SAP Event Mgmt

Tolerances

Underdelivery: 0.0 \$
Overdelivery: 0.0 \$ ☐ Unlimited Overdelivery

Receipt

Stor. Location: Batch:

Distribution:

Inbound Delivery

Goods recipient:
Unloading Point:

Valuation

Valuation Type: 8100-MFG

In Goods receipt tab we can see valuation type 8100-MFG.

Order	60004062	000000000000002992
Order Type	PP01	Standard Production Order (int. number)
Plant	8100	8100-MFG Plant
Material	2992	SFG purchase and mfg process
Planned Quantity	10	EA Each
Actual Quantity	10	EA Each
Target Cost Version	0	Target Cost Version

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency	Σ	Res-usage var.
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00		2,200.00		200.00	10.00	INR		0.00
	8100/8100-RM2	8100-RM2		1,019.50		0.00		1,019.50-	100.00-	INR		1,019.50-
	8100/8100-RM2	8100-RM2		0.00		1,000.00		1,000.00		INR		1,000.00
Goods Issues			■	3,019.50	■	3,200.00	■	180.50		INR	■	19.50-
Confirmations	8100-FG12/LUBRIC	8100-FG12 / Lubricants		10.00		0.00		10.00-	100.00-	INR		100.00-
	8100-FG12/LABOUR	8100-FG12 / Direct Labour		960.00		1,008.00		48.00	5.00	INR		0.00
	8100-FG12/ILAB	8100-FG12 / Indirect Labour		20.00		0.00		20.00-	100.00-	INR		200.00-
	8100-FG12/PMRENT	8100-FG12 / P&M Rent		15.00		0.00		15.00-	100.00-	INR		150.00-
	8100-FG12/POWER	8100-FG12 / Power		1,000.00		1,060.00		60.00	6.00	INR		0.00
	8100-FG12/DEPREC	8100-FG12 / Depreciation		1,200.00		1,212.00		12.00	1.00	INR		0.00
Confirmations			■	3,205.00	■	3,280.00	■	75.00		INR	■	450.00-
Overhead		(without origin)		320.50		0.00		320.50-	100.00-	INR		361.00-
		(without origin)		320.50		0.00		320.50-	100.00-	INR		361.00-
Overhead			■	641.00	■	0.00	■	641.00-		INR	■	722.00-
Goods Receipt	8100/2992	SFG purchase and mfg process		7,351.50-		7,351.50-		0.00		INR		0.00
Goods Receipt			■	7,351.50-	■	7,351.50-	■	0.00		INR	■	0.00
			■	486.00-	■	871.50-	■	385.50-		INR	■	1,191.50-

As earlier discussed as if consumption GBB-VBR GLs are different that price diff falls under Resource usage variance

MMBE

Stock Overview: Basic List

Selection

Material SFG purchase and mfg process
 Material Type Semi-finished product
 Unit of Measure Base Unit of Measure

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock Unrestricted use Qual. inspection Reserved Rcpt r

Full	110.000
8100 8100-Company Code	110.000
8100 8100-MFG Plant	110.000
8100 8100-S.Location	110.000
8100-MFG	10.000
8100-PUR	100.000

Template Allocation -CPTA - Individual Processing

Actual Template Allocation: Order

Order

Parameters

Version Plan/Act - Version
 Period To
 Fiscal Year

Processing Options

☐ Background Processing
☐ Test Run
☒ Detail Lists
☐ Messages from Object Selection Separate

Actual Template Allocation: Order**Actual Template Allocation: Order****Result**

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004062	ATY 8100-FG12/ILAB	943004	2.0	HR	40.00	INR		8100-FG12
	ATY 8100-FG12/LUBRIC	943002	2	KG	20.00	INR		8100-FG12
	ATY 8100-FG12/PMRENT	943006	2.0	HR	30.00	INR		8100-FG12
ORD 60004062					90.00	INR		
					90.00	INR		

Overhead -KGI2 - Individual Processing**Actual Overhead Calculation: Order**Order **Parameters**
 Period
 Fiscal Year
Processing Options
☐ Test Run
☒ Dialog display
Display ORD 60004062 6/2016: Item - Conditions

Item View Quantity Net INRTax

Pricing Elements													
N.	OnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un
81-2		Conversion Costs					3,370.00	INR		0	0	0	0.00
81-3		Quality Control Cost	10.000	%			337.00	INR		0	0	0	0.00
81-4		Research & Dev Cost	10.000	%			337.00	INR		0	0	0	0.00
		COGM	0.00	INR	1		4,044.00	INR		0	0	0	0.00

Variances -KKS2 - Individual Processing

Variance Calculation: Initial Screen

Order: 60004062 SFG purchase and mfg process

Parameters

Period: 6
Fiscal Year: 2016
☒ All target cost vsns 000
☐ Selected Target Cost Vsns

Processing options

☐ Test Run
☒ Detail list

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period: 6 Fiscal year: 2016 Messages: 1 Currency: INR
 Version: 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004062	7,351.50	7,244.00	7,351.50	0.00	0.00	107.50-

Settlement -KO88 - Individual Processing

Actual Settlement: Order

Settlement Rule

Order: 60004062

Parameters

Settlement period: 6 Posting period:
 Fiscal Year: 2016 Asset value date:
 Processing type: 1 Automatic

Processing Options

☐ Test Run
☒ Check trans. data

Actual Settlement: Order Detail list

Basic list Sender Receiver Accounting documents Settlement rule Save Select

Detail list - Settled values

Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 60004062	SFG purchase and mfg process	MAT 8100/2992	107.50-	
		PSG 0000000066	107.50-	Variances

Split Valuation with Mixed Costing process

3).Multiple manufacturing process for FG Materials

Configuration

Define Quantity Structure Types-OMXA

Change View "Quantity structure types for mixed costing": Overview of

New Entries

QtStT	Time depen...	Perc.valid	Name
MIX	1	<input checked="" type="checkbox"/>	Mixed Costing

Display View "Display quantity structure type": Overview of Selected S

QtStT	Qty struct.cat.	QtyStrModfi...	Time depen...	Perc.valid	Name
MIX	M	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	Mixed Costing

Define Costing Versions

Change View "Costing versions": Overview of Selected Set

New Entries

Costing Versions

Costing Version	Costing Type	Valuation Variant	Varian...	Exch. ...	Qty St...	Prod. Version in MRP	Description
1	01	001		M	MIX	<input type="checkbox"/>	Mixed Costing

MM01-Material Master Creation

Create Material 8100-FG13 (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing

Material 8100-FG13 8100-FG13-Mixed Costing Process
Plant 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Data

Base Unit of Measure EA Each Valuation Category 3
Currency INR Current period 6
Division 81 Price Determination 2

Current Valuation

Valuation Class 81F1
VC: Sales order stk Proj. stk val. class
Price control V Price Unit 1
Moving price Standard price
Total Stock 0 Total Value 0.00
Future price Valid from

Valuation Category (1) 3 Entries found

Restrictions

Valuation Area: 8100

ValCat	Description
1	Raw Material
2	Semifinished
3	Finished

3 Entries found

Create Material 8100-FG13 (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1

Material 8100-FG13 8100-FG13-Mixed Costing Process
Plant 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Data

Base Unit of Measure EA Each Valuation Category 3
Currency INR Current period 6 2016
Division 81 Price Determination 2 ☒ ML act.

Current Valuation

Valuation Class 81F1
VC: Sales order stk Proj. stk val. class
Price control V Price Unit 1
Moving price Standard price
Total Stock 0 Total Value 0.00
Future price Valid from

Extended with valuation Levels (8100-Line1 & Line2)-MM01

Create Material 8100-FG13 (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1 Costing 2

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Val. type: 8100-LINE1

Period 006.2016 Period 005.2016 Period 012.2015

General Valuation Data

Total Stock	0	Base Unit	EA	Each
Division	81	Valuation Cat.	3	
Valuation Class	81 F2	<input type="checkbox"/> Valuated Un		
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML act.		Mat. Price Analysis
Project Stock VC		Price Determ.	2	Transaction-Based

Prices and values

Currency: INR Company code currency

Standard Price: 100
 Per. unit price:
 Price Unit: 1
 Prc. Ctrl: S

For 8100-Line2

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material: 8100-FG13
 Industry sector: M Mechanical Engin...
 Material Type: FERT Finished prod...
 Change Number:
 Copy from...
 Material:

Organizational Levels

Organizational levels

Plant: 8100 8100-MFG Plant
 Valuation type:
☐ Org. levels/profiles only on request

☒ Select View(s)

Valuation Type (1) 2 Entries found

Restrictions

Maint. Val. Type

X	8100-LINE1
	8100-LINE2

2 Entries found

Create Material 8100-FG13 (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1 Costing 2

Material: 8100-FG13 8100-FG13-Mixed Costing Process

Plant: 8100 8100-MFG Plant

Val. type: 8100-LINE2

Period 006.2016 Period 005.2016 Period 012.2015

General Valuation Data

Total Stock: 0 Base Unit: EA Each

Division: 81 Valuation Cat.: 3

Valuation Class: 81F3 ☐ Valuated Un.

VC: Sale Ord. Stk: ☒ ML act. Mat. Price Analysis

Project Stock VC: Price Determ.: 3 Single-/Multilevel

Prices and values

Currency: INR Company code currency

Standard Price: 150.00

Per. unit price: Price Unit: 1

Prc. Ctrl: S

CS01-Two Bill of Materials and Two Routing Creation for the same material

Display material BOM: General Item Overview

Subitems Validity

Material: 8100-FG13 00-FG13-Mixed Costing Process

Plant: 8100 8100-MFG Plant

Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0030	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	

Display material BOM: General Item Overview

Material 8100-FG13-Mixed Costing Process
 Plant 8100-MFG Plant
 Alternative BOM

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P
0010	L	8100-RM2	8100-RM2	1		EA	<input type="checkbox"/>	16.06.2016	31.12.9999		
0020	L	8100-PACK	8100-PACK	1		EA	<input type="checkbox"/>	16.06.2016	31.12.9999		

CR01**Create Work Center: Cost Center Assignment**

Plant 8100-MFG Plant
 Work center 8100-FG13

Basic Data Default Values Capacities Scheduling Costing

Validity
 Start date End Date

Link to cost center/activity types

Controlling Area 8100-Company Code
 Cost Center 8100-FG13

Activities Overview

Alt. activity descr.	Activity Type	Activity Unit	R...	Form...	Formula description
Machine Hr	DEPREC	HR	<input type="checkbox"/>	8881	Machine HR
Labor Hr	LABOUR	HR	<input type="checkbox"/>	8882	Labor HR
Power KWH	POWER	KWH	<input type="checkbox"/>	8883	Power KWH
Fuel kwh	FUEL	KWH	<input type="checkbox"/>	8884	Fuel Kwh
Water L	WATER	L	<input type="checkbox"/>	8885	Water L

CA01**Display Routing: Operation Details**

Material 8100-FG13-Mixed Costing Process Grp.Count1

Operation

Operation/Activity Suboperation
 Work center / Plant / 8100-FG13
 Control key In-house prod. milestone with GR
 Standard text key

☐ Long text exists

Standard Values

Base Quantity
 Act./Operation UoM
 Break

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	10.0	HR	DEPREC	<input type="checkbox"/>
Labor Hr	8.0	HR	LABOUR	<input type="checkbox"/>
Power KWH	5	KWH	POWER	<input type="checkbox"/>
Fuel kwh	0.000		FUEL	<input type="checkbox"/>
Water L	0.000		WATER	<input type="checkbox"/>

Display Routing: Operation Details

◀ ▶ 🔍 📄 Work center ⚙️ Routings ⚙️ Sequences ⚙️ CompAlloc ⚙️ PRT

Material 8100-FG13 8100-FG13-Mixed Costing Process Grp.Count2

Operation

Operation/Activity 0010 Suboperation

Work center / Plnt 8100FG13 / 8100 8100-FG13

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity 1

Act./Operation UoM EA

Break 0.000

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	2.0	HR	DEPREC	<input type="text"/>
Labor Hr	4.0	HR	LABOUR	<input type="text"/>
Power KWH	0.000		POWER	<input type="text"/>
Fuel kwh	2	KWH	FUEL	<input type="text"/>
Water L	1	L	WATER	<input type="text"/>

Template allocation

Create template 001 / 8100-FG13

🔍 📄 📄 📄 Hide editor

Template 8100-FG13 8100-FG13

Environment 001 Cost estimate/production orders

📄 📄 📄 📄 📄 📄 📄 📄

Template overview : change

Type	Description	Object	Unit	Plan quantity	Plan fix	Plan activati...	Actual quan...	Actual fix	Actual activ...	Actual alloc...
Cost Center/Activity Type	8100-FG13 / Lubricants	8100-FG13 / LUBRIC	KG	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-FG13 / Indirect Labour	8100-FG13 / ILAB	HR	1		ACTIVE	2		ACTIVE	
Cost Center/Activity Type	8100-FG13 / P&M Rent	8100-FG13 / PMRENT	HR	1		ACTIVE	2		ACTIVE	

Master Data for Mixed Cost Estimate -CK91N - Edit Procurement Alternatives

Display Procurement Alternatives

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Valuation Type: 8100-LINE1

List of Procurement Alternatives	Lo...
	Names Generated Name: <input type="text"/> Changeable Name: <input type="text"/>

Create Procurement Alternative

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Valuation Type: 8100-LINE1

List of Procurement Alternatives	Lo...
	Characteristics Process Cat.: BF Production Bill of Material Usage: <input checked="" type="checkbox"/> Alternative: <input checked="" type="checkbox"/> Routing Task List Type: <input checked="" type="checkbox"/> Group: <input checked="" type="checkbox"/> Group Counter: <input checked="" type="checkbox"/> Costing Data Cstg Lot Size: 1 EA Names Changeable name: <input type="text"/>

Choose BOM & Routing 1 st Combination

Create Procurement Alternative

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Valuation Type: 8100-LINE1

List of Procurement Alternatives

Characteristics

Process Cat. BF Production

Bill of Material

Usage 1
 Alternative 01

Routing

Task List Type N
 Group 50001649
 Group Counter 01

Costing Data

Cstg Lot Size 1 EA

Names

Changeable name Line 1 Mfg Process

And then click on confirm and save button

Similarly Second Valuation type- 8100-LINE2

Change Procurement Alternative

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Valuation Type: 8100-LINE2

List of Procurement Alternatives

Production

Line 2 Mfg Process

Names

Generated name BOM:1/02 Routing:N/50001649/02
 Changeable name Line 2 Mfg Process

Characteristics

Process Cat. Production

Bill of material

Usage 1 Production
 Alternative 2

Routing

Task List Type N Routing
 Group 50001649 8100-FG13-Mixed Cost
 Group Counter 2

Costing data

Cstg Lot Size 1 EA

We can see overall

Display Procurement Alternatives

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant
 Valuation Type:

List of Procurement Alternatives

Valuation Type	Procurement Alternative	Lot Size	VUM	QtyStrDate	MR	Mixing Ratio
8100-LINE1	Production					
	Line 1 Mfg Process					
8100-LINE2	Production					
	Line 2 Mfg Process					

Names
 Generated Name:
 Changeable Name:

Mixing Ratios -CK94 - Create/Change

Change Mixing Ratios

Material: 8100-FG13
 Plant: 8100

Mixing Ratio

Period:
 Fiscal Yr: 2016
 QtyStruct. Type: MIX

Change Mixing Ratios

Alternative Delete Mixing Ratios Only

Material: 8100-FG13 8100-FG13-Mixed Costing Process
 Plant: 8100 8100-MFG Plant

Fiscal Year: 2016
 Qty Structure Type: MIX Mixed Costing

Mixing Ratio of Valuation Types

Valuation Type	Mixing Ratio
8100-LINE1	70.000
8100-LINE2	30.000

Mixing Ratio of Procurement Alternatives

PCat	Val. Type	Changeable name	Lot Size	VUM	QtyStrDate	MR	Mixing Ratio
BF	8100-LINE1	Line 1 Mfg Process		1 EA		<input checked="" type="checkbox"/>	70.000
BF	8100-LINE2	Line 2 Mfg Process		1 EA		<input checked="" type="checkbox"/>	30.000

Cost Estimate with Quantity Structure- CK11N – Create

Create Material Cost Estimate with Quantity Structure

Costing Structure On Detail List On Hold

Material: 8100-FG13
Plant: 8100

Costing Data Dates Qty Struct.

Costing Variant: PPC1
Costing Version: 1
Costing Lot Size:
Transfer Control:

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG13 8100-FG13-Mixed Costing Process
Plant: 8100

☒ Mixed Costing

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 1 Costing Lot Size 100 EA

Itemization for material 8100-FG13 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	Currency	Quantity	Unit
1	M	8100 8100-FG13	400021	49,700.00	27,300.00	INR	70	EA
2		8100 8100-FG13	400022	12,238.50	5,580.00	INR	30	EA
M				61,938.50	32,880.00	INR		
				61,938.50	32,880.00	INR		

We can see Mixed Costing activation

Line 1 mfg process

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG13 8100-FG13-Mixed Costing Process
Plant: 8100
Proc. Alt.: Line 1 Mfg Process
Val. Type: 8100-LINE1

Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 8100-FG13 in plant 8100

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG13 8100FG13 DEPREC	943011	120.00	120.00	INR	10.0	HR
2		8100-FG13 8100FG13 LABOUR	943003	96.00	96.00	INR	8.0	HR
3		8100-FG13 8100FG13 POWER	943008	70.00	70.00	INR	5	KWH
4		8100-FG13 8100FG13 FUEL	943009	0.00	0.00	INR	0	KWH
5		8100-FG13 8100FG13 WATER	943010	0.00	0.00	INR	0	L
8		8100-FG13 LUBRIC	943002	10.00	10.00	INR	1	KG
9		8100-FG13 ILAB	943004	14.00	14.00	INR	1.0	HR
10		8100-FG13 PMRENT	943006	15.00	15.00	INR	1.0	HR
E				325.00	325.00	INR		
11	G	8100-FG5 941001	941001	32.50	32.50	INR		
12		8100-FG5 941002	941002	32.50	32.50	INR		
G				65.00	65.00	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				320.00	0.00	INR		
				710.00	390.00	INR		

Line 2 mfg process

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG13 8100-FG13-Mixed Costing Process
Plant: 8100
Proc. Alt.: Line 2 Mfg Process
Val. Type: 8100-LINE2

Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 8100-FG13 in plant 8100

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG13 8100FG13 DEPREC	943011	24.00	24.00	INR	2.0	HR
2		8100-FG13 8100FG13 LABOUR	943003	48.00	48.00	INR	4.0	HR
3		8100-FG13 8100FG13 POWER	943008	0.00	0.00	INR	0	K...
4		8100-FG13 8100FG13 FUEL	943009	30.00	30.00	INR	2	K...
5		8100-FG13 8100FG13 WATER	943010	14.00	14.00	INR	1	L
8		8100-FG13 LUBRIC	943002	10.00	10.00	INR	1	KG
9		8100-FG13 ILAB	943004	14.00	14.00	INR	1.0	HR
10		8100-FG13 PMRENT	943006	15.00	15.00	INR	1.0	HR
E				155.00	155.00	INR		
11	G	8100-FG5 941001	941001	15.50	15.50	INR		
12		8100-FG5 941002	941002	15.50	15.50	INR		
G				31.00	31.00	INR		
6	M	8100 8100-RM2	400000	101.95	0.00	INR	1	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
M				221.95	0.00	INR		
				407.95	186.00	INR		

Line1 mfg cost : 710

Line 2 mfg cost : 407.95

Ratio 70 % and 30 % given.

 $710 * 0.7 = 497$ for 8100-LINE1 $407.95 * 0.3 = 122.385$ for 8100-LINE2 will come while doing released costing.

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG13 Plant: 8100 8100-FG13-Mixed Costing Process

Costing Structure

Costing Structure	E...	Total value	C...
8100-FG13-Mixed Costing Process		619.39 INR	
8100-LINE1		497.00 INR	
Line 1 Mfg Process		497.00 INR	
8100-LINE2		122.39 INR	
Line 2 Mfg Process		122.39 INR	

Costs Based On: 3 User Entry 1 EA

Cost Component View

Cost Component View	Total Costs	Fixed Costs	Variable	Currency
Cost of goods manufactured	619.38	328.80	290.58	INR

Itemization for material 8100-FG13 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	M	8100 8100-FG13	400021	497.00	273.00	INR	0.700	EA
2	M	8100 8100-FG13	400022	122.39	55.80	INR	0.300	EA
				619.39	328.80	INR		
				619.39	328.80	INR		

CK24-Released Standard Costing**Price Update: Release Standard Price**

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	8100-FG13	8100	8100-LINE1	FR	710.00	1	INR
	8100-FG13	8100	8100-LINE2	FR	407.95	1	INR
	8100-FG13	8100		FR	619.39	1	INR

CO01-Product Order Creation**Production Order Create: Initial Screen**

Material: 8100-FG13

Production Plant: 8100 8100-MFG Plant

Planning Plant:

Order Type: PP01 Standard Production Order (int. number)

Order:

Copy from

Order:

Production order Create: Header

Order: 600000000001 Type: PP01
 Material: 8100-FG13 8100-FG13-Mixed Costing Process Plant: 8100
 Status: CRTD BCRQ MANC SETC

General Assignment Goods Receipt Control Dates/Qties **Master Data** Long Text Administration SAP Event Mgmt

Routing

Group: 50001649 Grp Counter: 1 TL Type: N
 Valid From: 16.06.2016 Change No.: Planner Grp:
 From Lot Size: 0 To: 99,999,999 TL UoM: EA
 Explosion Date: 16.06.2016
 Line Hierarchy:

SAP ME Routing

Production Site:
 Routing:
 Version:

Bill of Material

BOM: 00003884 Usage: 1 Altern. BOM: 1
 Valid From: 16.06.2016 Change No.: BOM Status: 1
 From Lot Size: 0 To: 0 Base UoM: EA

In master data tab we can choose BOM & Routing combination.

Order	60004063 8100-FG13									
Order Type	PP01 Standard Production Order (int. number)									
Plant	8100 8100-MFG Plant									
Material	8100-FG13 8100-FG13-Mixed Costing Process									
Planned Quantity	10 EA Each									
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	Plan/act. var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00		0.00		2,000.00-	100.00-	INR
	8100/8100-PACK	8100-PACK		1,200.00		0.00		1,200.00-	100.00-	INR
Goods Issues			■	3,200.00	■	0.00	■	3,200.00-		INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00		0.00		10.00-	100.00-	INR
	8100-FG13/LABOUR	8100-FG13 / Direct Labour		960.00		0.00		960.00-	100.00-	INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00		0.00		14.00-	100.00-	INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00		0.00		15.00-	100.00-	INR
	8100-FG13/POWER	8100-FG13 / Power		700.00		0.00		700.00-	100.00-	INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		1,200.00		0.00		1,200.00-	100.00-	INR
Confirmations			■	2,899.00	■	0.00	■	2,899.00-		INR
Overhead	8100-FG5	8100-FG5		289.90		0.00		289.90-	100.00-	INR
	8100-FG5	8100-FG5		289.90		0.00		289.90-	100.00-	INR
Overhead			■	579.80	■	0.00	■	579.80-		INR
Goods Receipt	8100/8100-FG13	8100-FG13-Mixed Costing Process		6,193.90-		0.00		6,193.90	100.00-	INR
Goods Receipt			■	6,193.90-	■	0.00	■	6,193.90		INR
			■ ■	484.90	■ ■	0.00	■ ■	484.90-		INR

CO11N-Production Order Confirmation

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: 124003
 Order: 60004063 Material: 8100-FG13 8100-FG13-Mixed Costing Pro...
 Operation: 0010 Sequence: 0
 Suboperation:
 Capacity Cat.:
 Work Center: 8100FG13 Plant: 8100 8100-FG13
 Confirm.type: X Final confirmation ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	100.0	HR	<input type="checkbox"/>
Labor Hr	82.0	HR	<input type="checkbox"/>
Power KWH	52	KWH	<input type="checkbox"/>

Enter Confirmation for Production Order: Goods Movements

Order: 60004063 Status: REL
 Material Number: 8100-FG13 8100-FG13-Mixed Costing Process
 Oper./Act.: 0010 Sequence: 0
 Confirmation: 124003 Plant: 8100 Work center: 8100FG13

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S..	Vendor	Customer	Compltd	D...	Date of M...
8100-RM1	22	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK	15	EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

MB31-GRN

Goods Receipt for Order: Initial Screen

Adopt + Details
 To Order...
 WM Parameters...

Document Date: 16.06.2016 Posting Date: 16.06.2016
 Delivery Note:
 Doc. Header Text:

Defaults for Document Items

Movement Type: 101
 Order: 60004063
 Plant: 8100 Reason for Movement:
 Stor. Location: 8100 ☐ Suggest Zero Lines

GR/GI Slip

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

Goods Receipt for Order: New Items 0001

◀ ▶ ✎ 🖨 To Order... WM Details...

Order: 60004063 Movement Type: 101 Goods receipt

Plant: 8100 8100-MFG Plant

Material: 8100-FG13 8100-FG13-Mixed Costing Process

Ordered: 10 EA

Received: 0

Quantity in

Unit of Entry: 10 EA Stor. Location: 8100 Stock Type:

Date of Manuf. Batch: SLED/BBD:

Further Information

☒ Deliv. Compl. No. of GR Slips: 1

Unloading Point:

Text:

Company Code: 8100 Fiscal Year: 2016

Choose Valuation Type: Item 0001

Material: 8100-FG13

Batch: 0000000474

Valuation Type

8100-LINE1

8100-LINE2

CO03-Cost Trend

Order	60004063 8100-FG13							
Order Type	PP01 Standard Production Order (int. number)							
Plant	8100 8100-MFG Plant							
Material	8100-FG13 8100-FG13-Mixed Costing Process							
Planned Quantity	10 EA Each							
Actual Quantity	10 EA Each							
<i>Cumulative Data</i>								
<i>Legal Valuation</i>								
<i>Company Code Currency/Object Currency</i>								
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00	2,200.00	200.00	10.00	INR
	8100/8100-PACK	8100-PACK		1,200.00	1,800.00	600.00	50.00	INR
Goods Issues			■	3,200.00	4,000.00	800.00		INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00	0.00	10.00-	100.00-	INR
	8100-FG13/LABOUR	8100-FG13 / Direct Labour		960.00	1,008.00	48.00	5.00	INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00	0.00	14.00-	100.00-	INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00	0.00	15.00-	100.00-	INR
	8100-FG13/POWER	8100-FG13 / Power		700.00	770.00	70.00	10.00	INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		1,200.00	1,200.00	0.00		INR
Confirmations			■	2,899.00	2,978.00	79.00		INR
Overhead	8100-FG5	8100-FG5		289.90	0.00	289.90-	100.00-	INR
	8100-FG5	8100-FG5		289.90	0.00	289.90-	100.00-	INR
Overhead			■	579.80	0.00	579.80-		INR
Goods Receipt	8100/8100-FG13	8100-FG13-Mixed Costing Process		6,193.90-	7,100.00-	906.10-	14.63	INR
Goods Receipt			■	6,193.90-	7,100.00-	906.10-		INR
			■ ■	484.90	122.00-	606.90-		INR

Template Allocation -CPTA - Individual Processing

Actual Template Allocation: Order

Order: 60004063

Parameters

Version: 0 Plan/Act - Version

Period: 6 To: 6

Fiscal Year: 2016

Processing Options

☐ Background Processing

☐ Test Run

☒ Detail Lists

☐ Messages from Object Selection Separate

Actual Template Allocation: Order

Result

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004063	ATY 8100-FG13/ILAB	943004	2.0	HR	28.00	INR		8100-FG13
	ATY 8100-FG13/LUBRIC	943002	2	KG	20.00	INR		8100-FG13
	ATY 8100-FG13/PMRENT	943006	2.0	HR	30.00	INR		8100-FG13
ORD 60004063					78.00	INR		
					78.00	INR		

KGI2

Display ORD 60004063 6/2016: Item - Conditions

Item: 1

View: 1 Pricing Elements: Table

Quantity: 0.000

Net: 3,667.20 INR

Tax: 0.00

Pricing Elements

N.. CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	Cc
81-2	Conversion Costs					3,056.00	INR		0	0			0.00	
81-3	Quality Control Cost	10.000	%			305.60	INR		0	0			0.00	
81-4	Research & Dev Cost	10.000	%			305.60	INR		0	0			0.00	
	GM	0.00	INR	1		3,667.20	INR		0	0			0.00	

KKS2

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period: 6 Fiscal year: 2016 Messages: 1 Currency: INR

Version: 0 Target Cost Version (0) 10 Company code currency

Plant: 8100 Cost Object: ORD 60004063

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004063	7,100.00	7,667.20	7,100.00	0.00	0.00	567.20

Without Split Valuation Mixed Costing process

4).Multiple manufacturing process for FG Materials

Testing

Material Master Creation

Create Material 8100-FG14 (Finished product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1

Material: 8100-FG14 8100-FG14

Plant: 8100 8100-MFG Plant

Period 006.2016 Period 005.2016 Period 012.2015

General Valuation Data

Total Stock: 0 Base Unit: EA Each

Division: 81 Valuation Cat.:

Valuation Class: 81F1 ☐ Valuated Un

VC: Sale Ord. Stk: ☒ ML act. Mat. Price Analysis

Project Stock VC: Price Determin.: 3 Single-/Multilevel

Prices and values

Currency: INR Company code currency

Standard Price: 800

Per. unit price:

Price Unit: 1

Prc. Ctrl: S

Inventory Value: 0.00

CS01-2 Bill of Material Creation

Display material BOM: General Item Overview

Subitems Validity

Material: 8100-FG14 00-FG14

Plant: 8100 8100-MFG Plant

Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	C
0010	L	8100-RM1	8100-RM1	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0020	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	

Display material BOM: General Item Overview

Material 8100-FG14 8100-FG14
 Plant 8100 8100-MFG Plant
 Alternative BOM 2

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SI	Valid From	Valid to	Ch
0010	L	8100-RM2	8100-RM2	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0020	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	

CA01-2 Routing Master data

Display Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material 8100-FG14 8100-FG14 Grp.Count1

Operation

Operation/Activity 0010 Suboperation

Work center / Plnt 8100FG13 / 8100 8100-FG13

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity 1

Act./Operation UoM EA

Break 0.000 ☐

Conversion of Units of Measure

Header	Unit	Operat.	UoM
1	EA	<=>	1 EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	2.0	HR	DEPREC	<input type="checkbox"/>
Labor Hr	0.000		LABOUR	<input type="checkbox"/>
Power KWH	5	KWH	POWER	<input type="checkbox"/>
Fuel kwh	0.000		FUEL	<input type="checkbox"/>
Water L	1	L	WATER	<input type="checkbox"/>

Display Routing: Operation Details

Material 8100-FG14 8100-FG14 Grp.Count2

Operation

Operation/Activity	<input type="text" value="p010"/>	Suboperation	<input type="text"/>
Work center / Plnt	<input type="text" value="8100FG13"/> / <input type="text" value="8100"/>	8100-FG13	
Control key	<input type="text" value="PP99"/>	In-house prod. milestone with GR	
Standard text key	<input type="text"/>	<input type="text"/>	

☐ Long text exists

Standard Values

Base Quantity	<input type="text" value="1"/>	<div>Conversion of Units of Measure</div> <table border="1"> <thead> <tr> <th>Header</th> <th>Unit</th> <th></th> <th>Operat.</th> <th>UoM</th> </tr> </thead> <tbody> <tr> <td><input type="text" value="1"/></td> <td><input type="text" value="EA"/></td> <td><=></td> <td><input type="text" value="1"/></td> <td><input type="text" value="EA"/></td> </tr> </tbody> </table>				Header	Unit		Operat.	UoM	<input type="text" value="1"/>	<input type="text" value="EA"/>	<=>	<input type="text" value="1"/>	<input type="text" value="EA"/>
Header	Unit		Operat.	UoM											
<input type="text" value="1"/>	<input type="text" value="EA"/>	<=>	<input type="text" value="1"/>	<input type="text" value="EA"/>											
Act./Operation UoM	<input type="text" value="EA"/>														
Break	<input type="text" value="0.000"/>	<input type="text"/>													

	Std Value	Un	Act. Type	Efficiency
Machine Hr	<input type="text" value="0.000"/>	<input type="text"/>	DEPREC	<input type="text"/>
Labor Hr	<input type="text" value="4.0"/>	HR	LABOUR	<input type="text"/>
Power KWH	<input type="text" value="0"/>	KWH	POWER	<input type="text"/>
Fuel kwh	<input type="text" value="2"/>	KWH	FUEL	<input type="text"/>
Water L	<input type="text" value="1"/>	L	WATER	<input type="text"/>

Business Process

Display Procurement Alternatives

Material 8100-FG14
Plant 8100-MFG Plant
Valuation Type

List of Procurement Alternatives

Names
Generated Name
Changeable Name

Create Procurement Alternative

Material
Plant
Valuation Type

List of Procurement Alternatives

Process Cat.

Determine Controlling Level

Production version exists
Create Procurement Alternative for Production in Acc. with Controlling

☐ BOM/routing
☒ Production version

Select Production Version and then enter

Create Procurement Alternative

Material: _____
Plant: _____
Valuation Type: _____

List of Procurement Alternatives: _____

Characteristics
Process Cat.: BF

Determine Controlling Level

Production version exists
Create Procurement Alternative for Production in Acc. with Controlling

☐ BOM/routing
☒ Production version

Confirm (green checkmark) Cancel (red X)

Select first Production Version-1

Create Procurement Alternative

Material: 8100-FG14 8100-FG14
Plant: 8100 8100-MFG Plant
Valuation Type: _____

List of Procurement Alternatives: _____

Characteristics
Process Cat.: BF Production
Prod. Version: ☒

Costing Data
Cstg Lot Size: 1 EA

Names
Changeable name: _____

Confirm (yellow) Reset (yellow)

Select Production Version (6) 2 Entries found

Restrictions

Ver.	Text
PV01	PRODUCT VERSION-1
PV02	PRODUCT VERSION-2

2 Entries found

Create Procurement Alternative

Material: 8100-FG14 8100-FG14
 Plant: 8100 8100-MFG Plant
 Valuation Type:

List of Procurement Alternatives

Characteristics

Process Cat. BF Production
 Prod. Version PV01

Costing Data

Cstg Lot Size 1 EA

Names

Changeable name Line 1 Mfg Process

Confirm Reset

Then Confirm

Change Procurement Alternative

Material: 8100-FG14 8100-FG14
 Plant: 8100 8100-MFG Plant
 Valuation Type:

List of Procurement Alternatives

Production

Line 1 Mfg Process

Names

Generated name PVersion:PV01
 Changeable name Line 1 Mfg Process

Characteristics

Process Cat. Production
 Prod. Version PV01 PRODUCT VERSION-1

Costing data


Cstg Lot Size 1 EA

Confirm Reset

Similarly create second production version also

Display Procurement Alternatives

Material 8100-FG14
Plant 8100-MFG Plant
Valuation Type



List of Procurement Alternatives	Lo...
Production	
• Line 1 Mfg Process	
• Line 2 Mfg Process	

Names

Generated Name	<input type="text"/>
Changeable Name	<input type="text"/>

Mixing Ratios - CK94 - Create/Change

Change Mixing Ratios

Material
Plant

Mixing Ratio

Period	<input type="text"/>
Fiscal Yr	<input type="text"/>
QtyStruct. Type	<input type="text" value="MIX"/>

Change Mixing Ratios

Alternative
 Delete
 Mixing Ratios Only

Material 8100-FG14
 Plant 8100-MFG Plant

Fiscal Year
 Qty Structure Type Mixed Costing

Mixing Ratio of Procurement Alternatives						
PCat	Changeable name	Lot Size	V...	QtyStrDate	MR	Mixing Ratio
BF	Line 1 Mfg Process		1 EA		<input checked="" type="checkbox"/>	60.000
BF	Line 2 Mfg Process		1 EA		<input checked="" type="checkbox"/>	40.000

CK11N-Cost estimate with QTy Structure

Create Material Cost Estimate with Quantity Structure

| | Costing Structure On | Detail List On | Hold |

Material
 Plant

Costing Data | Dates | Qty Struct.

Costing Variant
 Costing Version
 Costing Lot Size
 Transfer Control

Material: 8100-FG14 8100-FG14
Plant: 8100
Proc. Alt.: Line 1 Mfg Process

Costing Structure: 8100-FG14
 Line 1 Mfg Process
 Line 2 Mfg Process

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 2 Price Unit 1 EA COO

Itemization for material 8100-FG14 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Q
1	E	8100-FG13 8100FG13 DEPREC	943011	24.00	24.00	INR	
2		8100-FG13 8100FG13 LABOUR	943003	0.00	0.00	INR	
3		8100-FG13 8100FG13 POWER	943008	70.00	70.00	INR	
4		8100-FG13 8100FG13 FUEL	943009	0.00	0.00	INR	
5		8100-FG13 8100FG13 WATER	943010	14.00	14.00	INR	
8		8100-FG13 LUBRIC	943002	10.00	10.00	INR	
9		8100-FG13 ILAB	943004	14.00	14.00	INR	
10		8100-FG13 PMRENT	943006	15.00	15.00	INR	
	E			147.00	147.00	INR	
11	G	8100-FG5 941001	941001	14.70	14.70	INR	
12		8100-FG5 941002	941002	14.70	14.70	INR	
	G			29.40	29.40	INR	
6	M	8100 8100-RM1	400000	100.00	0.00	INR	
7		8100 8100-PACK	400030	120.00	0.00	INR	
	M			220.00	0.00	INR	
				396.40	176.40	INR	

Material: 8100-FG14 8100-FG14
Plant: 8100
Proc. Alt.: Line 2 Mfg Process

Costing Structure: 8100-FG14
 Line 1 Mfg Process
 Line 2 Mfg Process

Costing Data Dates Qty Struct. Valuation History Costs

Costs Based On: 2 Price Unit 1 EA COO

Itemization for material 8100-FG14 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG13 8100FG13 DEPREC	943011	0.00	0.00	INR	0.0	HR
2		8100-FG13 8100FG13 LABOUR	943003	48.00	48.00	INR	4.0	HR
3		8100-FG13 8100FG13 POWER	943008	0.00	0.00	INR	0	K..
4		8100-FG13 8100FG13 FUEL	943009	30.00	30.00	INR	2	K..
5		8100-FG13 8100FG13 WATER	943010	14.00	14.00	INR	1	L
8		8100-FG13 LUBRIC	943002	10.00	10.00	INR	1	KG
9		8100-FG13 ILAB	943004	14.00	14.00	INR	1.0	HR
10		8100-FG13 PMRENT	943006	15.00	15.00	INR	1.0	HR
	E			131.00	131.00	INR		
11	G	8100-FG5 941001	941001	13.10	13.10	INR		
12		8100-FG5 941002	941002	13.10	13.10	INR		
	G			26.20	26.20	INR		
6	M	8100 8100-RM2	400000	203.90	0.00	INR	2	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
	M			323.90	0.00	INR		
				481.10	157.20	INR		

Here Line 1 Mfg Process cost is 396.40 and Line 2 Mfg Process cost is 481.10

Line 1 Mfg Process $396.40 \times 0.6 = 237.84$

Line 2 Mfg Process $481.10 \times 0.4 = 192.44$

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG14 8100-FG14
Plant: 8100

Costing Structure: 8100-FG14
Line 1 Mfg Process
Line 2 Mfg Process

Costs Based On: 2 Price Unit 1 EA

Itemization for material 8100-FG14 in plant 8100

ItemNo	Ita...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	M	8100 8100-FG14	400020	237.84	105.84	INR	0.600	EA
2		8100 8100-FG14	400020	192.44	62.88	INR	0.400	EA
	M			430.28	168.72	INR		
				430.28	168.72	INR		

CK24-Standard Cost release

Price Update: Release Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
	8100-FG14	8100		FR	430.28	1	INR

While doing releasing standard cost system will consider Average rate

i.e., Line 1 Mfg Process $396.40 * 0.6 = 237.84$

Line 2 Mfg Process $481.10 * 0.4 = 192.44$

Total = $237.84 + 192.44 = 430.28$

CO01-Production Order Creation

Production Order Create: Initial Screen

Material


Production Plant 8100-MFG Plant

Planning Plant

Order Type Standard Production Order (int. number)

Order


Copy from

Order 

Production order Create: Header

Order Type

Material Plant

Status 

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

Quantities

Total Qty EA

Delivered

Dates/Times

Basic Dates

End 00:00

Start 00:00

Release

Scheduling

Type

Reduction

Note

Priority

Select Production Version for Material 8100-FG14 Plant 8100

Product...	Plant	Valid from	Valid to	From lot size	To lot size
PV01	8100	16.06.2016	31.12.2099	0.000	
PV02	8100	16.06.2016	31.12.2099		0.000

Choose Versions: overview Order Selection criteria

Release Period Workdays

Cost Trend

Order	60004064 8100-FG14						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100-FG14 8100-FG14						
Planned Quantity	10 EA Each						

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		1,000.00	0.00	1,000.00-	100.00-	INR
	8100/8100-PACK	8100-PACK		1,200.00	0.00	1,200.00-	100.00-	INR
Goods Issues			■	2,200.00	0.00	2,200.00-		INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00	0.00	10.00-	100.00-	INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00	0.00	14.00-	100.00-	INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00	0.00	15.00-	100.00-	INR
	8100-FG13/POWER	8100-FG13 / Power		700.00	0.00	700.00-	100.00-	INR
	8100-FG13/WATER	8100-FG13 / Water		140.00	0.00	140.00-	100.00-	INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		240.00	0.00	240.00-	100.00-	INR
Confirmations			■	1,119.00	0.00	1,119.00-		INR
Overhead	8100-FG5	8100-FG5		111.90	0.00	111.90-	100.00-	INR
	8100-FG5	8100-FG5		111.90	0.00	111.90-	100.00-	INR
Overhead			■	223.80	0.00	223.80-		INR
Goods Receipt	8100/8100-FG14	8100-FG14		4,302.80-	0.00	4,302.80	100.00-	INR
Goods Receipt			■	4,302.80-	0.00	4,302.80		INR
			■ ■	760.00-	0.00	760.00		INR

CO11N

Enter Time Ticket for Production Order																													
<div> Goods Movements <div> Actual Data </div> </div>																													
Confirmation	124004																												
Order	60004064	Material	8100-FG14	8100-FG14																									
Operation	0010	Sequence	0																										
Suboperation																													
Capacity Cat.		Split																											
Work Center	8100FG13	Plant	8100	8100-FG13																									
Confirm.type	X Final confirmation		<input type="checkbox"/> Clear open reservations																										
<div>Quantities</div> <table> <thead> <tr> <th></th> <th>To Be Confirmed</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>Yield</td> <td>10</td> <td>EA</td> </tr> <tr> <td>Scrap</td> <td></td> <td></td> </tr> <tr> <td>Rework</td> <td></td> <td></td> </tr> <tr> <td>Reason for Var.</td> <td></td> <td></td> </tr> </tbody> </table>							To Be Confirmed	Unit	Yield	10	EA	Scrap			Rework			Reason for Var.											
	To Be Confirmed	Unit																											
Yield	10	EA																											
Scrap																													
Rework																													
Reason for Var.																													
<div>Activities</div> <table> <thead> <tr> <th></th> <th>To Be Confirmed</th> <th>Unit</th> <th>R</th> </tr> </thead> <tbody> <tr> <td>Machine Hr</td> <td>25.0</td> <td>HR</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Labor Hr</td> <td></td> <td>HR</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Power KWH</td> <td>55</td> <td>KWH</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Fuel kwh</td> <td></td> <td>KWH</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Water L</td> <td>12</td> <td>L</td> <td><input type="checkbox"/></td> </tr> </tbody> </table>							To Be Confirmed	Unit	R	Machine Hr	25.0	HR	<input type="checkbox"/>	Labor Hr		HR	<input type="checkbox"/>	Power KWH	55	KWH	<input type="checkbox"/>	Fuel kwh		KWH	<input type="checkbox"/>	Water L	12	L	<input type="checkbox"/>
	To Be Confirmed	Unit	R																										
Machine Hr	25.0	HR	<input type="checkbox"/>																										
Labor Hr		HR	<input type="checkbox"/>																										
Power KWH	55	KWH	<input type="checkbox"/>																										
Fuel kwh		KWH	<input type="checkbox"/>																										
Water L	12	L	<input type="checkbox"/>																										

Enter Confirmation for Production Order: Goods Movements

Order 60004064 Status: REL
 Material Number 8100-FG14 8100-FG14
 Oper./Act. 0010 Sequence 0
 Confirmation 124004 Plant 8100 Work center 8100FG13

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	D
8100-FG14		10 EA	8100	8100			S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-RM1		13 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8100-PACK		12 EA	8100	8100			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	
												<input type="checkbox"/>	<input type="checkbox"/>	

COST TREND

Order	60004064	8100-FG14
Order Type	PP01	Standard Production Order (int. number)
Plant	8100	8100-MFG Plant
Material	8100-FG14	8100-FG14
Planned Quantity	10 EA	Each
Actual Quantity	10 EA	Each

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		1,000.00		1,300.00		300.00	30.00	INR
	8100/8100-PACK	8100-PACK		1,200.00		1,440.00		240.00	20.00	INR
Goods Issues			■	2,200.00	■	2,740.00	■	540.00		INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00		0.00		10.00-	100.00-	INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00		0.00		14.00-	100.00-	INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00		0.00		15.00-	100.00-	INR
	8100-FG13/POWER	8100-FG13 / Power		700.00		770.00		70.00	10.00	INR
	8100-FG13/WATER	8100-FG13 / Water		140.00		168.00		28.00	20.00	INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		240.00		300.00		60.00	25.00	INR
Confirmations			■	1,119.00	■	1,238.00	■	119.00		INR
Overhead	8100-FG5	8100-FG5		111.90		0.00		111.90-	100.00-	INR
	8100-FG5	8100-FG5		111.90		0.00		111.90-	100.00-	INR
Overhead			■	223.80	■	0.00	■	223.80-		INR
Goods Receipt	8100/8100-FG14	8100-FG14		4,302.80-		4,302.80-		0.00		INR
Goods Receipt			■	4,302.80-	■	4,302.80-	■	0.00		INR
			■ ■	760.00-	■ ■	324.80-	■ ■	435.20		INR

Template Allocation**Actual Template Allocation: Order****Actual Template Allocation: Order****Result**

Processing completed with no errors

Receiver Object	Sender object	Alloc. CElem	Total fixed/var. qty	UoM	Σ	Ttl Fx+Vbl value	CAC	COCr	Template
ORD 60004064	ATY 8100-FG13/ILAB	943004	2.0	HR		28.00	INR		8100-FG13
	ATY 8100-FG13/LUBRIC	943002	2	KG		20.00	INR		8100-FG13
	ATY 8100-FG13/PMRENT	943006	2.0	HR		30.00	INR		8100-FG13
ORD 60004064					■	78.00	INR		
					■ ■	78.00	INR		

Overhead

Display ORD 60004064 6/2016: Item - Conditions

Item: 1
View: 1 Pricing Elements: Table Quantity: 0.000 Net: 1,579.20 INR Tax: 0.00

N...	CnTy	Name	Amount	Crcy	per	U...	Condition value	Curr.	Status	Num...	OUn	CCon...	Un	Condition value	CdCu
81-2		Conversion Costs					1,316.00	INR		0	0	0		0.00	
81-3		Quality Control Cost	10.000	%			131.60	INR		0	0	0		0.00	
81-4		Research & Dev Cost	10.000	%			131.60	INR		0	0	0		0.00	
		GM	0.00	INR		1	1,579.20	INR		0	0	0		0.00	

Variances

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period: 6 Fiscal year: 2016 Messages: 1 Currency: INR
Version: 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004064	3,964.00	4,319.20	4,302.80	0.00	0.00	16.40

Settlement

Actual Settlement: Order Detail list

Basic list Sender Receiver Accounting documents Settlement rule

Detail list - Settled values

Senders	Text send.	Receivers	ValCOArCur	Inform.
ORD 60004064	8100-FG14	MAT 8100/8100-FG14	16.40	
		PSG 0000000070	16.40	Variances



Cross Plant Costing

Special procurement process

Configuration

Check Special Procurement Types-OMD9

New Entries: Details of Added Entries



Plant 8100-Depot Plant
 Sp.Pr.Type Costing Transfer from 8100 to 8101

Procurement type External procurement

Special Procurement

Special procurement Stock transfer
 Plant 8100-MFG Plant

As BOM Component

☐ Phantom item
☐ Direct production
☐ Direct procurement
☐ Withdr.altern.plant Issuing plant
☐ Multil. Subcontr.

Same material need to be create in both the plants (8100 & 8101)

MM60.

Material	Plant	Val. Type	Material Description	Last Change	MTyp	Matl Group	Unit	PGr	ABC	Typ	ValCl	Pr.	Price	Crcy	/	Created by
8100-FG15	8100		8100-FG15 Special Procurement	16.06.2016	FERT		EA			PD	81F1	S	250.00	INR	1	WIPRO_FI
8100-FG15	8101		8100-FG15 Special Procurement	16.06.2016	FERT		EA			ND	81F1	S	0.00	INR	1	WIPRO_FI

BOM & Routing need to be create for 8100 mfg plant only

CS01

Create material BOM: General Item Overview

Material: 8100-FG15 8100-FG15 Special Procurement
 Plant: 8100 8100-MFG Plant
 Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SI	Valid From	Valid to	Change No
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0020	L	8100-RM2	8100-RM2	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0030	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999	
0040	L					<input type="checkbox"/>	<input type="checkbox"/>			
0050	L					<input type="checkbox"/>	<input type="checkbox"/>			

CA01

Create Routing: Operation Details

Work center Routings Sequences CompAlloc PRT

Material: 8100-FG15 8100-FG15 Special Procurement Grp.Count1

Operation

Operation/Activity: 0010 Suboperation:
 Work center / Plnt: 8100FG13 / 8100 8100-FG13
 Control key: PP99 In-house prod. milestone with GR
 Standard text key: ☐ Long text exists

Standard Values

Base Quantity: 1
 Act./Operation UoM: EA
 Break:

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	2.0	HR	DEPREC	<input type="checkbox"/>
Labor Hr			LABOUR	<input type="checkbox"/>
Power KWH	5	KWH	POWER	<input type="checkbox"/>
Fuel kwh			FUEL	<input type="checkbox"/>
Water L	1	L	WATER	<input type="checkbox"/>

Business Process:

MM02**For 8101 Plant material****Procurement type & Special procurement need to be assigned**

Change Material 8100-FG15 (Finished product)

Additional Data Org. Levels Check Screen Data

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

Material: 8100-FG15 **8100-FG15 Special Procurement**

Plant: 8101 8100-Depot Plant

Procurement

Procurement type	F	Batch entry	<input type="checkbox"/>
Special procurement	Z1	Prod. stor. location	<input type="checkbox"/>
Quota arr. usage	<input type="checkbox"/>	Default supply area	<input type="checkbox"/>
Backflush	<input type="checkbox"/>	Storage loc. for EP	<input type="checkbox"/>
JIT delivery sched.	<input type="checkbox"/>	Stock det. grp	<input type="checkbox"/>
<input type="checkbox"/> Co-product		Joint production	
<input type="checkbox"/> Bulk Material			

Scheduling

In-house production	<input type="checkbox"/> days	Planned Deliv. Time	<input type="checkbox"/> days
GR Processing Time	<input type="checkbox"/> days	Planning calendar	<input type="checkbox"/>
SchedMargin key	<input type="checkbox"/>		

CK11N For both the plants

We Can observe 8101 plant, no BOM & Routing .Only Special Procurement data only and itemization break up will not come but cost component level will come.

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG15 8100-FG15 Special Procurement
Plant: 8101

Costing Structure: 8100-FG15 Special Procurement 598.35
8100-FG15 Special Procurement 598.35

Costing Data Dates Qty Struct. Valuation History Costs

BOM Data
BOM:
Usage:
Alternative:
Production Version:

Routing Data
Task List Type:
Group:
Group Counter:

Special Procurement Data
Special procurement: 7 Stock transfer
SpdProcurementPlant: 8100
SpecProcurementKey: 21
☐ Phantom item

Itemization for material 8100-FG15 in plant 8101

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	M	8100 8100-FG15	400020	598.35	176.40	INR	1	EA
	M			598.35	176.40	INR		
				598.35	176.40	INR		

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG15 8100-FG15 Special Procurement
Plant: 8101

Costing Structure: 8100-FG15 Special Procurement 598.35
8100-FG15 Special Procurement 598.35

Costing Data Dates Qty Struct. Valuation History Costs

Cost Components for Material 8100-FG15 Plant 8101

CCo...	Name of Cost Comp.	Overall	Fixed	Variable	Crcy
10	Raw Material	301.95		301.95	INR
20	Processing Material				INR
30	Packing Material	120.00		120.00	INR
40	Tools				INR
50	Lubricants	10.00	10.00		INR
60	Direct Labour				INR
70	Indirect Labour	14.00	14.00		INR
80	Factory Rent				INR
90	Plant & Machine Rent	15.00	15.00		INR
100	Royalties				INR
110	Power	70.00	70.00		INR
120	Fuel				INR
130	Water	14.00	14.00		INR
140	Depreciation	24.00	24.00		INR
150	Repairs & Maintenance				INR
160	Quality Control Cost	14.70	14.70		INR
170	Research & Dev Cost	14.70	14.70		INR
180	By Product COGM				INR
		598.35	176.40	421.95	INR

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG15 8100-FG15 Special Procurement
Plant: 8100

Costing Structure: 8100-FG15 Special Procurement 598.35
8100-FG15 Special Procurement 598.35

Costing Data Dates Qty Struct. Valuation History Costs

BOM Data: BOM 00003886 Usage 1 Alternative 1
Routing Data: Task List Type N Group 50001651 Group Counter 1

Production Version

Itemization for material 8100-FG15 in plant 8100

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
9	E	8100-FG13 LUBRIC	943002	10.00	10.00	INR	1	KG
10		8100-FG13 ILAB	943004	14.00	14.00	INR	1.0	HR
11		8100-FG13 PMRENT	943006	15.00	15.00	INR	1.0	HR
	E			147.00	147.00	INR		
12	G	8100-FG5 941001	941001	14.70	14.70	INR		
13		8100-FG5 941002	941002	14.70	14.70	INR		
	G			29.40	29.40	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-RM2	400000	101.95	0.00	INR	1	EA
8		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
	M			421.95	0.00	INR		
				598.35	176.40	INR		

Create Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 8100-FG15 8100-FG15 Special Procurement
Plant: 8100

Costing Structure: 8100-FG15 Special Procurement 598.35
8100-FG15 Special Procurement 598.35

Costing Data Dates Qty Struct. Valuation History Costs

Cost Components for Material 8100-FG15 Plant 8100

CCo...	Name of Cost Comp.	Overall	Fixed	Variable	Crcy
10	Raw Material	301.95		301.95	INR
20	Processing Material				INR
30	Packing Material	120.00		120.00	INR
40	Tools				INR
50	Lubricants	10.00	10.00		INR
60	Direct Labour				INR
70	Indirect Labour	14.00	14.00		INR
80	Factory Rent				INR
90	Plant & Machine Rent	15.00	15.00		INR
100	Royalties				INR
110	Power	70.00	70.00		INR
120	Fuel				INR
130	Water	14.00	14.00		INR
140	Depreciation	24.00	24.00		INR
150	Repairs & Maintance				INR
160	Quality Control Cost	14.70	14.70		INR
170	Research & Dev Cost	14.70	14.70		INR
180	By Product COGM				INR
		598.35	176.40	421.95	INR

CK24-Relase Standard Cost estimation for both the plants

Price Update: Release Standard Price

Ex...	Material	Plant	Valuation Type	Costin...	Standard price	Price Unit	Currency
<input checked="" type="checkbox"/>	8100-FG15	8100		FR	598.35	1	INR
<input checked="" type="checkbox"/>	8100-FG15	8101		FR	598.35	1	INR

We can do production process for the 8100 mfg plant material.

Additive Costing

OKTZ-Create Additive Cost as one of the component.

Display View "Cost Components with Attributes": Overview

Dialog Structure

- Cost Component Str
 - Cost Components**
 - Assignment: C
 - Update of Add
 - Transfer Struc
 - Cost Component Vie
 - Assignment: Organiz
 - Cost Component Gro

Cost Comp. Str.	Cost Co...	Name of Cost Comp.
81	160	Quality Control Cost
81	170	Research & Dev Cost
81	180	By Product COGM
81	190	Additive Cost

MM01

Display Material 8100-FG16 (Finished product)

Additional Data Org. Levels

MRP 2 MRP 3 MRP 4 Work scheduling Plant data / s...

Material 8100-FG16 8100-FG16 Additive Costing

Plant 8100 8100-MFG Plant

Forecast Requirements

Period Indicator M Fiscal Year Variant Splitting indicator

Planning

Strategy group 10 Make-to-stock production

Consumption mode Bwd consumption per. 0

Fwd consumption per. 0 Mixed MRP

Planning material Planning plant

Plng conv. factor Planning matl BUnit

Availability check

Availability check KP Tot. repl. lead time 0 days

Cross-project

Plant-specific configuration

ConfigurableMaterial

Variant Configure variant

Create Additive Costs

Material: 8100-FG16 8100-FG16 Additive Costing
Plant: 8100

Costing Data Dates Valuation History **Costs**

Costs Based On: 1 Costing Lot Size 1 EA

Cost Component View	Total Costs	Fixed Costs	Variable	Currency
Cost of goods manufactured	100.00	0.00	100.00	INR
Cost of goods sold	100.00	0.00	100.00	INR
Sales and administration co...	0.00	0.00	0.00	INR
Inventory (commercial)	100.00	0.00	100.00	INR
Inventory (tax-based)	100.00	0.00	100.00	INR

1 Cost of goods manufactured Partner

Itemization for material 8100-FG16 in plant 8100

ItemNo	Item	Resource	Cost Element	Σ	Total Value	Σ	Fixed Value	COCr	Quantity	Un
1	V		400800		100.00		0.00	INR	1.000	
	V				100.00		0.00	INR		
					100.00		0.00	INR		

CS01-Bill of Material

Create material BOM: General Item Overview

Material: 8100-FG16 8100-FG16 Additive Costing
Plant: 8100 8100-MFG Plant
Alternative BOM: 1

Material Document General

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	SortStrng	Item ID	Chg No
0010	L	8100-RM1	8100-RM1	2	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>			
0020	L	8100-PACK	8100-PACK	1	EA	<input type="checkbox"/>	<input type="checkbox"/>	16.06.2016	31.12.9999		<input type="checkbox"/>			
0030	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>			
0040	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>			
0050	L					<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>			

CA01-Routing

Display Routing: Operation Details

◀ ▶ 🔒 ✎ Work center Routings Sequences CompAlloc PRT

Material 8100-FG16 8100-FG16 Additive Costing Grp.Count1

Operation

Operation/Activity 0010 Suboperation

Work center / Plnt 8100FG13 / 8100 8100-FG13

Control key PP99 In-house prod. milestone with GR

Standard text key

☐ Long text exists

Standard Values

Base Quantity

Act./Operation UoM EA

Break

Conversion of Units of Measure

Header	Unit		Operat.	UoM
1	EA	<=>	1	EA

	Std Value	Un	Act. Type	Efficiency
Machine Hr	<input type="text" value="2.0"/>	HR	DEPREC	<input type="text"/>
Labor Hr	<input type="text" value="0.000"/>		LABOUR	<input type="text"/>
Power KWH	<input type="text" value="0.000"/>		POWER	<input type="text"/>
Fuel kwh	<input type="text" value="2"/>	KWH	FUEL	<input type="text"/>
Water L	<input type="text" value="1"/>	L	WATER	<input type="text"/>

Business Process

CK11N-Standard Cost estimation

Create Material Cost Estimate with Quantity Structure

📄 🔗 ◀ ▶ Costing Structure On Detail List On 📄 Hold ⓘ ⚠

Material

Plant

Costing Data Dates Qty Struct.

Costing Variant

Costing Version

Costing Lot Size

Transfer Control

SAP CO-PRODUCT COSTING & MATERIAL LEDGER

Costing Structure Off Detail List Off Hold

Material: 8100-FG16 8100-FG16 Additive Costing
Plant: 8100

Costing Structure: 8100-FG16 Additive
• 8100-RM1
• 8100-PACK

Costing Data Dates Qty Struct. Valuation History Costs

Itemization for material 8100-FG16 in plant 8100

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	8100-FG13 8100FG13 DEPREC	943011	24.00	24.00	INR	2.0	HR
2		8100-FG13 8100FG13 LABOUR	943003	0.00	0.00	INR	0.0	HR
3		8100-FG13 8100FG13 POWER	943008	0.00	0.00	INR	0	K...
4		8100-FG13 8100FG13 FUEL	943009	30.00	30.00	INR	2	K...
5		8100-FG13 8100FG13 WATER	943010	14.00	14.00	INR	1	L
9		8100-FG13 LUBRIC	943002	10.00	10.00	INR	1	KG
10		8100-FG13 ILAB	943004	14.00	14.00	INR	1.0	HR
11		8100-FG13 PMRENT	943006	15.00	15.00	INR	1.0	HR
	E			107.00	107.00	INR		
12	G	8100-FG5 941001	941001	10.70	10.70	INR		
13		8100-FG5 941002	941002	10.70	10.70	INR		
	G			21.40	21.40	INR		
6	M	8100 8100-RM1	400000	200.00	0.00	INR	2	EA
7		8100 8100-PACK	400030	120.00	0.00	INR	1	EA
	M			320.00	0.00	INR		
8	V		400800	100.00	0.00	INR	1.000	
	V			100.00	0.00	INR		

Costing Structure Off Detail List Off Hold

Material: 8100-FG16 8100-FG16 Additive Costing
Plant: 8100

Costing Structure: 8100-FG16 Additive
• 8100-RM1
• 8100-PACK

Create Material Cost Estimate with Quantity Structure

Cost Components for Material 8100-FG16 Plant 8100

CComp	Name of Cost Comp.	Overall	Fixed	Variable	Crcy
10	Raw Material	200.00		200.00	INR
20	Processing Material				INR
30	Packing Material	120.00		120.00	INR
40	Tools				INR
50	Lubricants	10.00	10.00		INR
60	Direct Labour				INR
70	Indirect Labour	14.00	14.00		INR
80	Factory Rent				INR
90	Plant & Machine Rent	15.00	15.00		INR
100	Royalties				INR
110	Power				INR
120	Fuel	30.00	30.00		INR
130	Water	14.00	14.00		INR
140	Depreciation	24.00	24.00		INR
150	Repairs & Maintance				INR
160	Quality Control Cost	10.70	10.70		INR
170	Research & Dev Cost	10.70	10.70		INR
180	By Product COGM				INR
190	Additive Cost	100.00		100.00	INR
		548.40	128.40	420.00	INR

CK24-Costing release

Price Update: Release Standard Price

Ex... Material Plant Valuation Type Costin... Standard price Price Unit Currency

	8100-FG16	8100		FR	548.40	1	INR
--	-----------	------	--	----	--------	---	-----

CO01-Production Order creation

Production order Display: Header

Order 60004065 Type PP01

Material 8100-FG16 8100-FG16 Additive Costing Plant 8100

Status REL PRC MANC SETC

User Status RLAL

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

Quantities

Total Qty 10 EA Scrap Portion 0 0.00 %

Delivered 0 Short/Exc. Rcpt 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	16.06.2016	21:18	16.06.2016	21:18		
Start	16.06.2016	21:18	16.06.2016	21:18		00:00
Release			16.06.2016		16.06.2016	

Scheduling

Type 4 Current date

Reduction No reduction carried out

Note No scheduling note

Priority

Floats

Sched. Margin Key 000

Float Bef. Prdn 0 Workdays

Float After Prdn 0 Workdays

Release Period 0 Workdays

CO11N-Production order Confirmation

Enter Time Ticket for Production Order

Goods Movements
 Actual Data

Confirmation: **124005**
 Order: **60004065** Material: **8100-FG16** 8100-FG16 Additive Costing
 Operation: **0010** Sequence: **0**
 Suboperation:
 Capacity Cat.:
 Split:
 Work Center: **8100FG13** Plant: **8100** 8100-FG13

Confirm.type: **X Final confirmation** ☐ Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	10	EA
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	R
Machine Hr	20.0	HR	<input type="checkbox"/>
Labor Hr		HR	<input type="checkbox"/>
Power KWH		KWH	<input type="checkbox"/>
Fuel kwh	20	KWH	<input type="checkbox"/>
Water L	10	L	<input type="checkbox"/>

Actual Additive Cost booking-F-02

Display Document: Line Item 001

Additional Data

G/L Account: **400800** Additive Cost a/c
 Company Code: **8100** 8100-Company Code

Doc. no. **29**

Line Item 1 / Debit entry / 40

Amount: **1,234.00** **INR**
 Business Place:

Additional Account Assignments



Cost Center		Order	60004065
WBS Element		Profit. Segment	
Network		Real Estate Obj	
Functional Area		Sales Order	0 0
Purchasing Doc.	0	Mehr	
Quantity	0.000		
Assignment	20160616		
Text	Additive Cost a/c Long text		


Order	60004065 8100-FG16							
Order Type	PP01 Standard Production Order (int. number)							
Plant	8100 8100-MFG Plant							
Material	8100-FG16 8100-FG16 Additive Costing							
Planned Quantity	10 EA Each							
Actual Quantity	10 EA Each							
.....								
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00	2,000.00	0.00		INR
	8100/8100-PACK	8100-PACK		1,200.00	1,200.00	0.00		INR
		(without origin)		0.00	1,234.00	1,234.00		INR
Goods Issues				3,200.00	4,434.00	1,234.00		INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00	0.00	10.00-	100.00-	INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00	0.00	14.00-	100.00-	INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00	0.00	15.00-	100.00-	INR
	8100-FG13/FUEL	8100-FG13 / Fuel		300.00	300.00	0.00		INR
	8100-FG13/WATER	8100-FG13 / Water		140.00	140.00	0.00		INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		240.00	240.00	0.00		INR
Confirmations				719.00	680.00	39.00-		INR
Overhead	8100-FG5	8100-FG5		71.90	0.00	71.90-	100.00-	INR
	8100-FG5	8100-FG5		71.90	0.00	71.90-	100.00-	INR
Overhead				143.80	0.00	143.80-		INR
Goods Receipt	8100/8100-FG16	8100-FG16 Additive Costing		5,484.00-	5,484.00-	0.00		INR
Goods Receipt				5,484.00-	5,484.00-	0.00		INR
				1,421.20	370.00	1,051.20		INR



Run Template allocation, Over Head Calculation


















KKS2-Variance Calculation

Variance Calculation: List

Basic List Cost Elements  Scrap  Variance Categories

Period Fiscal year [Messages](#)  Currency

Version  

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
8100	ORD 60004065	5,484.00	5,343.60	5,484.00	0.00	0.00	140.40-

KO88 Settlement

Actual Settlement: Order Detail list				
Basic list Sender Receiver Accounting documents Settlement rule Save Select				
Detail list - Settled values				
Senders	Short text: Sender	Receivers	ValCOArCur	Inform.
ORD 60004065	8100-FG16 Additive Costing	MAT 8100/8100-FG16	140.40-	
		PSG 0000000072	140.40-	Variances

CO03-Cost Trend

Order	60004065 8100-FG16						
Order Type	PP01 Standard Production Order (int. number)						
Plant	8100 8100-MFG Plant						
Material	8100-FG16 8100-FG16 Additive Costing						
Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%) Currency
Goods Issues	8100/8100-RM1	8100-RM1		2,000.00	2,000.00	0.00	INR
	8100/8100-PACK	8100-PACK		1,200.00	1,200.00	0.00	INR
		(without origin)		0.00	1,234.00	1,234.00	INR
Goods Issues			■	3,200.00	4,434.00	1,234.00	INR
Confirmations	8100-FG13/LUBRIC	8100-FG13 / Lubricants		10.00	20.00	10.00	100.00 INR
	8100-FG13/ILAB	8100-FG13 / Indirect Labour		14.00	28.00	14.00	100.00 INR
	8100-FG13/PMRENT	8100-FG13 / P&M Rent		15.00	30.00	15.00	100.00 INR
	8100-FG13/FUEL	8100-FG13 / Fuel		300.00	300.00	0.00	INR
	8100-FG13/WATER	8100-FG13 / Water		140.00	140.00	0.00	INR
	8100-FG13/DEPREC	8100-FG13 / Depreciation		240.00	240.00	0.00	INR
Confirmations			■	719.00	758.00	39.00	INR
Overhead	8100-FG5	8100-FG5		71.90	75.80	3.90	5.42 INR
	8100-FG5	8100-FG5		71.90	75.80	3.90	5.42 INR
Overhead			■	143.80	151.60	7.80	INR
Goods Receipt	8100/8100-FG16	8100-FG16 Additive Costing		5,484.00-	5,484.00-	0.00	INR
Goods Receipt			■	5,484.00-	5,484.00-	0.00	INR
Settlement		(without origin)		0.00	140.40	140.40	INR
Settlement			■	0.00	140.40	140.40	INR
			■ ■	1,421.20-	0.00	1,421.20	INR

Variance Categories

Variance Categories

The following variance categories are shown based on key figures and/or original cost elements.

Variances are divided into variance categories on the **input side** and variance categories on the **output side**.

Input Side Variances

- Input price variance
- Input quantity variance
- Resource-usage variance
- Remaining input variance

Output Side Variances

- Mixed price variance
- Output price variance
- Remaining variance

Standard Cost estimation

Standard Costing			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	10	20
Labor	3	15	45
Total Standard Cost			75

Display Material Cost Estimate with Quantity Structure

Costing Structure Off Detail List Off Hold

Material: 2990 Test Material
Plant: 6900

Costing Structure: Test Material
6900-RM-1

Itemization for material 2990 in plant 6900

ItemNo	It...	Resource	Cost Element	Total Value	Fixed Value	COCr	Quantity	Un
1	E	2990 2990 MACH	943000	20.00	20.00	INR	2	H
2		2990 2990 LAB	943001	45.00	45.00	INR	3	H
	E			65.00	65.00	INR		
3	M	6900 2981	400000	10.00	0.00	INR	1	EA
	M			10.00	0.00	INR		
				75.00	65.00	INR		

Variances on the Input Side

Variances on the input side are variances based on goods issues, internal activity allocations, overhead allocation, and G/L account postings. These variances are assigned to the following variance categories according to their cause:

A).Input price variances

- Input price variances are caused by differences between the planned and actual prices of the materials and activities used.

1).Material Price Variance

Here Raw Material Price changed to 12, while doing goods issue this price suppose 12, then

Actual Cost			
Components	Qty/Hr	Rate	Amount
Material	1	12	12
Machine	2	10	20
Labour	3	15	45
Total Actual Cost			77

Order

60004032 000000000000002990

Order Type

PP01 Standard Production Order (int. number)

Plant

6900 6900-MFG PLANT

Material

2990 Test Material

Planned Quantity

1 EA Each

Actual Quantity

1 EA Each

Cumulative Data

Legal Valuation

Company Code Currency/Object Currency

Transaction	Origin	Origin (Text)	Σ Tot. plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency	Actual Qty
Goods Issues	6900/2981	6900-RM-1	10.00	12.00	2.00	20.00	INR	1
Goods Issues			10.00	12.00	2.00	INR		
Confirmations	2990/MACH	TEST Cost Center / MACHINERY	20.00	20.00	0.00	INR		2
	2990/LAB	TEST Cost Center / LABOUR	45.00	45.00	0.00	INR		3
Confirmations			65.00	65.00	0.00	INR		
Goods Receipt	6900/2990	Test Material	75.00-	75.00-	0.00	INR		1-
Goods Receipt			75.00-	75.00-	0.00	INR		
			0.00	2.00	2.00	INR		

Goods Receipt = 1 qty * 75 = 75

FI entry

Co...	Itm	PK	SG	Account	Description	Amount	Curr.	Tx	Cost Center	Order
6900	1	89		200120	INVENTORY FG A/C	75.00	INR			
	2	91		300500	COGM A/C	75.00-	INR			60004032

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period 5 Fiscal year 2016 Messages 1 Currency INR
Version 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
6900	ORD 60004032	75.00	77.00	75.00	0.00	0.00	2.00

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period 5 Fiscal year 2016 Messages 1 Currency INR
Version 0 Target Cost Version (0) 10 Company code currency

Plant	Cost Object	Variance	Input Price Var	Res-Usage Var.	Input Qty Var.	RemainInput Var	Lot Size Variance	Output Prc Var.	Rem. Var.
6900	ORD 60004032	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00

Here total variance is here $77 - 75 = 2$ (due to material price changes happened)

This 2 will comes under **Input Price Variance**

Settlement

FI Entry

Data Entry View					
Document Number	<input type="text" value="8"/>	Company Code	<input type="text" value="6900"/>	Fiscal Year	<input type="text" value="2016"/>
Document Date	<input type="text" value="14.05.2016"/>	Posting Date	<input type="text" value="31.05.2016"/>	Period	<input type="text" value="5"/>
Reference	<input type="text"/>	Cross-Comp.No.	<input type="text"/>		
Currency	<input type="text" value="INR"/>	Texts exist	<input type="checkbox"/>	Ledger Group	<input type="text"/>

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2).Activity RATE Variance

Here Activity rates changes 12 and 18 machine & Labor respectively. Raw Material Price changed to 12, while doing goods issue this price suppose 12, then

Standard Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	10	20
Labour	3	15	45
Total Standard Cost			75

Actual Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	12	24
Labour	3	18	54
Total Actual Cost			88

Order

60004033 000000000000002990

Order Type

PP01 Standard Production Order (int. number)

Plant

6900 6900-MFG PLANT

Material

2990 Test Material

Planned Quantity

1 EA Each

Actual Quantity

1 EA Each

Cumulative Data

Legal Valuation

Company Code Currency/Object Currency

Transaction	Origin	Origin (Text)	Σ	Total plan costs	Σ	Total actual costs	Σ	Plan/actual variance	P/A var(%)	Currency	Actual Qty
Goods Issues	6900/2981	6900-RM-1		10.00		10.00		0.00		INR	1
Goods Issues			■	10.00	■	10.00	■	0.00		INR	
Confirmations	2990/MACH	TEST Cost Center / MACHI...		20.00		24.00		4.00	20.00	INR	2
	2990/LAB	TEST Cost Center / LABOUR		45.00		54.00		9.00	20.00	INR	3
Confirmations			■	65.00	■	78.00	■	13.00		INR	
Goods Receipt	6900/2990	Test Material		75.00-		75.00-		0.00		INR	1-
Goods Receipt			■	75.00-	■	75.00-	■	0.00		INR	
			■ ■	0.00	■ ■	13.00	■ ■	13.00		INR	

Goods Receipt = 1 qty * 75 = 75

FI entry

Co...	Itm	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	P
6900	1	89		200120	INVENTORY FG A/C	75.00	INR				
	2	91		300500	COGM A/C	75.00-	INR			60004033	

Variance Calculation: List

Basic List Cost Elements

Period Fiscal year Messages Currency

Version Target Cost Version (0) Company code currency

Plant Cost Object Target Costs Actual Costs Allocated Actl Work in Process Scrap Variance

6900	ORD 60004033	75.00	88.00	75.00	0.00	0.00	13.00
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Variance Calculation: List

Basic List Cost Elements

Period Fiscal year Messages Currency

Version Target Cost Version (0) Company code currency

Plant Cost Object Variance Input Price Var Res-Usage Var Input Qty Var RemainInput Var Lot Size Variance Output Prc Var Rem. Var.

6900	ORD 60004033	13.00	13.00	0.00	0.00	0.00	0.00	0.00
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Here total variance is here $88 - 75 = 13$ (due to material price changes happened)

This 13 will come under **Input Price Variance**

Settlement

FI Entry

Display Document: Data Entry View

Data Entry View

Document Number Company Code Fiscal Year

Document Date Posting Date Period

Reference Cross-Comp.No.

Currency Texts exist ☐ Ledger Group

CoCd	Itm	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	P
6900	2	83		400400	Prod Variance A/C	13.00	INR				
6900	1	91		300500	COGM A/C	13.00-	INR			60004033	

- Input quantity variances**

- Input quantity variances are caused by differences between the planned and actual consumption quantities of materials and activities. Select the Material origin indicator in the costing view of the master record of all materials that have a large influence on your costs.

If you want to see input quantity variances and input price variances, you must make the following settings:

- Select the Material origin indicator in the costing view of the material master record.
- Select the Record quantity indicator in the cost element.

Confirmation of Production Order Enter : Goods Movements

Order Status: REL PRC MANC SETC
 Material Number Test Material

Goods Movements Overview																
Material	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd	D...	Date of M...	SLED/BBD	Item	Re...
2990	EA	6900	6900			S	101				<input checked="" type="checkbox"/>	<input type="checkbox"/>				
2981	EA	6900	6900			H	261				<input checked="" type="checkbox"/>	<input type="checkbox"/>			0010	
											<input type="checkbox"/>	<input type="checkbox"/>				
											<input type="checkbox"/>	<input type="checkbox"/>				
											<input type="checkbox"/>	<input type="checkbox"/>				

Standard Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	10	20
Labour	3	15	45
Total Standard Cost			75

Actual Cost			
Components	Qty/Hr	Rate	Amount
Material	3	10	30
Machine	2	10	20
Labour	3	15	45
Total Actual Cost			95

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency

Version



Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
6900	ORD 60004034	75.00	95.00	75.00	0.00	0.00	20.00

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency

Version 10 Company code currency

Plant 6900 Cost Object ORD 60004034 Variance 20.00 Input Price Var. 0.00 Res-Usage Var. 0.00 Input Qty Var. 20.00 RemainInput Var 0.00 Lot Size Variance 0.00 Output Prc Var. 0.00 Rem. Var. 0.00

CoCd Itm PK S Account Description Amount Curr. Tx Cost Center Order Pr

6900	2	83		400400	Prod Variance A/C	20.00	INR				
6900	1	91		300500	COGM A/C	20.00-	INR			60004034	

Activity Quantity Variance

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation

Order Material Test Material

Operation Sequence

Suboperation

Capacity Cat. Split

Work Center Plant Test Work Center

Confirm.type ☐ Clear open reservations

Quantities

To Be Confirmed Unit

Yield EA

Scrap

Rework

Reason for Var.

Activities

To Be Confirmed Unit R

Machine--H H ☐

Labour--H H ☐

Activity 3 ☐

Activity 4 ☐

Activity 5 ☐

Activity 6 ☐

Standard Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	10	20
Labour	3	15	45
Total Standard Cost			75

Actual Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	4	10	40
Labour	5	15	75
Total Actual Cost			125

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency Version 10 Company code currency

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
6900	ORD 60004035	75.00	125.00	75.00	0.00	0.00	50.00

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

Period Fiscal year Messages Currency Version 10 Company code currency

Plant	Cost Object	Variance	Input Price Var	Res-Usage Var.	Input Qty Var.	RemainInput Var	Lot Size Variance	Output Prc Var.	Rem. Var.
6900	ORD 60004035	50.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00

Settlement**FI entry**

CoCd	Itm	PK	S	Account	Description	Amount	Curr.	Tx	Cost Center	Order	Pr
6900	2	83		400400	Prod Variance A/C	50.00	INR				
6900	1	91		300500	COGM A/C	50.00-	INR			60004035	

Resource-usage variances

Resource-usage variances are caused by the use of different materials and activities than were planned.

The system calculates resource-usage variances if:

- The target costs of a cost element, origin group, or origin are not zero while the actual costs of the same cost element, origin group, or origin are zero.
- The target costs of a cost element, origin group, or origin are zero but the actual costs of the same cost element, origin group, or origin are not zero.

Confirmation of Production Order Enter : Goods Movements

Order Status: REL PRC MANC SETC
 Material Number Test Material

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Cl
2990		1 EA	6900	6900			S	101			
2981		EA	6900	6900			H	261			
2977		1 EA	6900	6900			H	261			

Order 60004036 000000000000002990
 Order Type PP01 Standard Production Order (int. number)
 Plant 6900 6900-MFG PLANT
 Material 2990 Test Material

Planned Quantity 1 EA Each
 Actual Quantity 1 EA Each

Cumulative Data
 Legal Valuation
 Company Code Currency/Object Currency

Transaction	Origin	Origin (Text)	Σ Total plan costs	Σ Total actual costs	Σ Plan/actual variance	P/A var(%)	Currency	Actual Qty
Goods Issues	6900/2977	Explosives	0.00	100.00	100.00		INR	1
	6900/2981	6900-RM-1	10.00	0.00	10.00-	100.00-	INR	0
Goods Issues			10.00	100.00	90.00		INR	
Confirmations	2990/MACH	TEST Cost Center / MACHI...	20.00	20.00	0.00		INR	2
	2990/LAB	TEST Cost Center / LABOUR	45.00	45.00	0.00		INR	3
Confirmations			65.00	65.00	0.00		INR	
Goods Receipt	6900/2990	Test Material	75.00-	75.00-	0.00		INR	1-
Goods Receipt			75.00-	75.00-	0.00		INR	
			0.00	90.00	90.00		INR	

Standard Cost			
Component s	Qty/H r	Rat e	Amoun t
Material	1	10	10
Machine	2	10	20
Labour	3	15	45
Total Standard Cost			75

Actual Cost			
Components	Qty/H r	Rat e	Amoun t
Material (alternative)	1	100	100
Machine	2	10	20
Labour	3	15	45
Total Actual Cost			165

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

 Period Fiscal year Messages Currency
 Version

Plant	Cost Object	Target Costs	Actual Costs	Allocated Actl	Work in Process	Scrap	Variance
6900	ORD 60004036	75.00	165.00	75.00	0.00	0.00	90.00

Variance Calculation: List

Basic List Cost Elements Scrap Variance Categories

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Plant	Cost Object	Variance	Input Price Var.	Res-Usage Var.	Input Qty Var.	RemainInput Var	Lot Size Variance	Output Prc Var.	Rem. Var.
6900	ORD 60004036	90.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00

- Remaining input variances

The system calculates variances for each cost element on the input side. If the system cannot assign a variance on the input side to any of the above categories, it assigns the variance to the remaining input variance category. This can happen when costs are entered without a quantity, or when the overhead rates are changed.

Itemization for material 2990 in plant 6900

ItemNo	Item	Resource	Cost Element	Total Value	Fixed Value	Currency	Quantity	Un
1	E	2990 2990 MACH	943000	20.00	20.00	INR	2	H
2		2990 2990 LAB	943001	45.00	45.00	INR	3	H
	E			65.00	65.00	INR		
4	G	MAT-OH 941000	941000	1.00	0.00	INR		
	G			1.00	0.00	INR		
3	M	6900 2981	400000	10.00	0.00	INR	1	EA
	M			10.00	0.00	INR		
				76.00	65.00	INR		

Standard Cost			
Components	Qty/Hr	Rate	Amount
Material	1	10	10
Machine	2	10	20
Labour	3	15	45
Over Head		0.1	1
Total Standard Cost			76

Variances on the Output Side

With the following [types of variances](#) the system will show variances on the output side.

Variances on the output side are variances that result from too little or too much of the planned order quantity being delivered, or because the delivered quantity was valued differently.

- **Mixed-price variances**

Mixed-price variances arise when the system values inventories using a mixed cost estimate for the material.

A mixed-price variance is caused by a difference between the target credit (Confirmed Quantity × Standard Cost of Procurement Alternative) determined by variance calculation, and the actual credit that was posted when the goods were received (Confirmed Quantity × Standard Price). The standard price corresponds to the mixed price.

If you have not selected the Mixed-price variance field in the variance variant, mixed-price variances are reported as output price variances.

- **Output price variances**

Output price variances are reported in the following situations:

- If the standard price has changed between the time point of delivery to stock and the time point when the variances are calculated
- If the material's price control indicator is set to **V** and the material was not delivered to stock at the standard price
- If the price used to value the inventory is not a mixed price

Output price variances are caused by a difference between the target credit (such as Confirmed Quantity × Standard Price) determined by variance calculation, and the actual credit posted when the goods were received (such as Confirmed Quantity × Moving Price).

You control which value is used for delivery to stock when the price control indicator is set to **V** in

Customizing for Product Cost by Period or Product Cost by Order under Define Valuation of Goods Received for Order Delivery.

- **Remaining variances**

Differences between the target costs and the allocated actual costs that cannot be assigned to any other variance category. For example, rounding differences are reported as remaining variances.

Overhead applied to costs that do not vary with the lot size are also reported as remaining variances.

Remaining variances are reported in the following situations.

- When the system cannot calculate target costs, such as when no cost estimate for the material exists or because no goods receipt for the order has taken place in the Product Cost by Period component.
- When no variance categories have been defined in the variance variant in Customizing for Cost Object Controlling.

If you do not select a variance category, the variances of that category are assigned to the category remaining variances. The scrap variances are an exception to this. Scrap variances that are not shown as such can flow into any other variance category on the input side.

Product Costing Scenarios Completed.