

SAP Product Costing Configuration

SAP R/3 ENTERPRISE ECC6

Published by Team of SAP Consultants at
SAPTOPJOBS

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Hello Everyone,

A Warm Welcome To You All! We are really excited to offer the complete SAP FICO Configuration pack to the SAP community. This was a much-awaited pack and we are happy to present that to you... As you are aware that our SAP SD, PP/QM, MM/WM, HR, and PS have already achieved the best selling status and have received lots of accolades and really helped the consultants take their SAP knowledge and career to the next level ...I am very confident that FICO configuration package will go a step forward and do much more than that.....

For those who have been on our list and who have bought from us earlier you all know that we have over-delivered on each of our configuration packs and we want to do the same thing with SAP FICO config pack too... For those who have visited our site for the first time I would like to welcome you to our site and promise you that we would do our best to ensure that your life at the clients place would be very comfortable...

What I have done here is given you a brief of around 128+ pages of content in FICO pack so that you can have a feel of what it would be like in terms of structure. The whole pack is extremely voluminous, step by step guide this is just a feeler... So I hope you enjoy this.... So lets dive right in....

One more thing this configuration pack is compatible with version 4.7, version 5.0 and 6.0 So you really do have to worry about the version at all.. We have taken care of that... Also all future version changes will be provided as free updates to you. So you can sit back relax and play the music **The main changes in 5.0 and 6.0 has been New Ledger Configuration and Consolidation and we have covered that in detail in our complete FICO Configuration packs. So you don't need to worry.**

The entire FICO configuration pack comes in 11 voluminous power packed CDS full of meaty content and each sub module in SAP FICO is broken into Configuration, End user and Power point. There are tons of bonuses which you get along with this pack including Integration Cheat sheets, FICO Interview Questions and a boatload of step by step guides. You can take advantage of the special offer by visiting the site below

<http://www.sap-topjobs.com/SpecialPP/8431654231.html>

All our packs are shipped thru FedEx and reaches you in three days time. One more thing this configuration pack is compatible with version 4.7, version 5.0 and 6.0 So you really do have to worry about the version at all.. We have taken care of that... Also all future version changes will be provided as free updates to you. So you can sit back relax and play the music ...

What I want from you now is to do yourself a favour by bringing the brains and wisdom of SAP FICO Experts with more than 12+yrs of implementation experience to your drawing room today. Do it right now my dear friend and take your SAP career to the next level.... You will love it I promise you....

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1. INTRODUCTION

Product Cost Controlling is part of the Controlling application component. It's a tool for managing costs related to the manufacturing products or Rendering services.

It uses information from Overhead Cost Controlling to calculate such costs as labor, machine, or factory overhead. It also supplies Information to Profitability Analysis so that component can calculate Contribution margins.

Product Cost Controlling includes the following tools:

- Product Cost Planning
- Cost Object Controlling
- Information System

Product Cost Controlling can help you:-

- Plan your product costs accurately
- Compare alternative cost estimates to optimize your business decisions
- Monitor your product costs in every stage of the manufacturing process
- Carry out detailed variance analysis on each order, product, and product group
- Calculate actual costs by period

Product costing is a tool for planning costs and establishing prices for materials. It is used to calculate the costs of goods manufactured and the costs of goods sold for each product unit. If costing is carried out on the basis of data in Production

Planning (PP), then the cost estimate is a product cost estimate with a quantity structure (for example, BOM and routing). If costing is carried out on the basis of data that you enter manually, then the cost estimate is a product cost estimate without a quantity structure. Product costing belongs to both the Production Planning (PP) Module and the Controlling (CO) Module.

You make all settings for product costing in Customizing for Product Cost Controlling. Cost Object Controlling assigns the costs incurred by a company to units within the company, such as products, product groups, or order. Cost Object Controlling is used in the following areas:

- Order Related Production.
- Repetitive Manufacturing.
- Process Manufacturing.
- Sales Order Related Production.
- Engineer to Order.

To arrive at the material cost, SAP picks up the quantity of raw and packing material required from the Bill of Material. It then values this quantity with the various prices available in the material master in accordance with the strategy specified in customizing.

In a like manner it does the same to arrive at the labor cost. The time required for each operation is specified in the routing or recipe. This quantity is multiplied by the activity prices maintained in the cost center accounting module. We will cover all this and more in this document

We will also cover product cost planning, cost object controlling by period (repetitive manufacturing), cost object controlling by

order, cost object controlling by sales order and configuration settings for co-product costing.

We had configured controlling area 1100, in the document on cost center accounting. We will now do the product-costing configuration in controlling area 1100.

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2. Product Cost Planning

For doing the configuration we will use the following path on the SAP application screen:-

Menu Path

SAP Menu → Tools → AcceleratedSAP → Customizing → SPRO -
Edit Project →  SAP Reference IMG

Product Cost Planning is a planning tool that helps you predict the costs Incurred when you manufacture a product or provide a service.

Organizations use it to:

- Set prices for the valuation of finished and semi finished goods in the Materials Management application component
- Set prices for finished and semi finished goods in the Sales and Distribution application component
- Calculate the cost of goods manufactured or the cost of goods sold for the Profitability Analysis function in Controlling
- Set a standard to measure production efficiency in Cost Object Controlling

Product Cost Planning shows you:

- The cost composition of each product
- The value added in each manufacturing step
- The value added in each overhead process

You can also create an inventory cost estimate at the end of your fiscal year to provide alternative valuations of your inventory for balance sheet Purposes.

Other functions include reference and simulation costing, which allow you to simulate the cost impact of changing one production factor or modifying the amount of overhead allocated to a product.

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2.1 Basic Settings for Material Costing

The company A Ltd for its plant 1100 requires the following overheads:-

- 1) Material overhead
- 2) Production overhead

It should be calculated as follows:-

On materials 5 % material overhead should be calculated and on Wages 4 % Production overhead should be calculated.

Let us go about configuring the costing sheet from steps below.

We will now see how to create a costing sheet for the purpose of overhead calculation.

2.2 Maintain Overhead Cost Elements

Menu Path

IMG → Controlling → Product Cost Controlling → Product Cost Planning → Basic Settings for Material Costing → Overhead → Maintain Overhead Cost Elements

Purpose of Configuration

To allocate overhead to products, you need to define overhead cost elements.

The SAP system then posts the overheads to these overhead cost elements.

The cost center is credited with the overhead cost element and the product or the production order is debited with the overhead cost element.

Let us now create secondary cost elements for overhead.

Create secondary cost elements of type 41 (overhead).

Update the following:-

Create Cost Element: Initial Screen

Master Data

Cost Element	920001	
Valid From	01.01.2008	31.12.9999

Reference

Cost Element	
Controlling Area	

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Cost Element Edit Goto Extras Environment System Help

Change Cost Element: Basic Screen

Cost Element	920001	OVERHEAD MATERIAL
Controlling Area	1100	ABC LTD
Valid From	01.01.2008	to 31.12.9999


Basic Data Indicators Default Acct Assgnmt History

Names

Name	OVERHEAD MATERIAL
Description	OVERHEAD MATERIAL

Basic Data

CElem category	41	Overhead Rates
Attribute mix		
Functional Area		

Click on Save 

Create another overhead cost element for production overheads

Create Cost Element: Initial Screen

Master Data












Cost Element	920002		
Valid From	01.01.2008	to	31.12.9999

Reference



Cost Element	<input type="text"/>
Controlling Area	<input type="text"/>

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[Cost Element](#) [Edit](#) [Goto](#) [Extras](#) [Environment](#) [System](#) [Help](#)


Change Cost Element: Basic Screen

Cost Element	920002	OVERHEAD PRODUCTION
Controlling Area	1100	ABC LTD
Valid From	01.01.2008	to 31.12.9999

[Basic Data](#) [Indicators](#) [Default Acct Assgmt](#) [History](#)

Names

Name	OVERHEAD PRODUCTION	
Description	OVERHEAD PRODUCTION	

Basic Data

CElem category	41	Overhead Rates
Attribute mix		
Functional Area		

Click on Save 

www.sar

2.3 Define Calculation Bases

Menu Path

IMG → Controlling → Product Cost Controlling → Product Cost Planning → Basic Settings for Material Costing → Overhead → Costing Sheet: Components → Define Calculation Bases

Purpose of Configuration

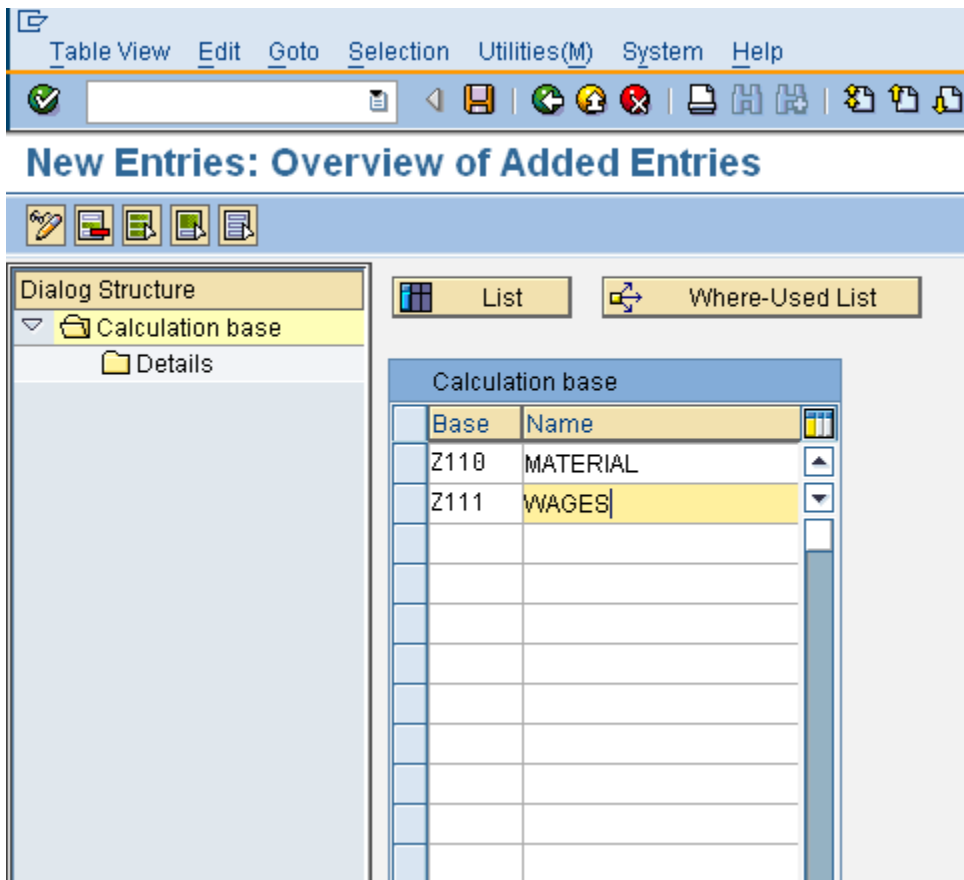
The calculation base determines to which cost elements overhead is applied together.


We will define 2 bases on which overheads will be calculated:-

- 1) Materials
- 2) Wages

Proceed as follows:-

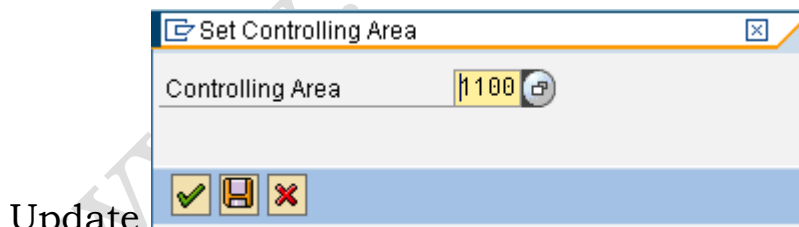
Click on and update the following:-



Click on Save 

Select 

Double click 

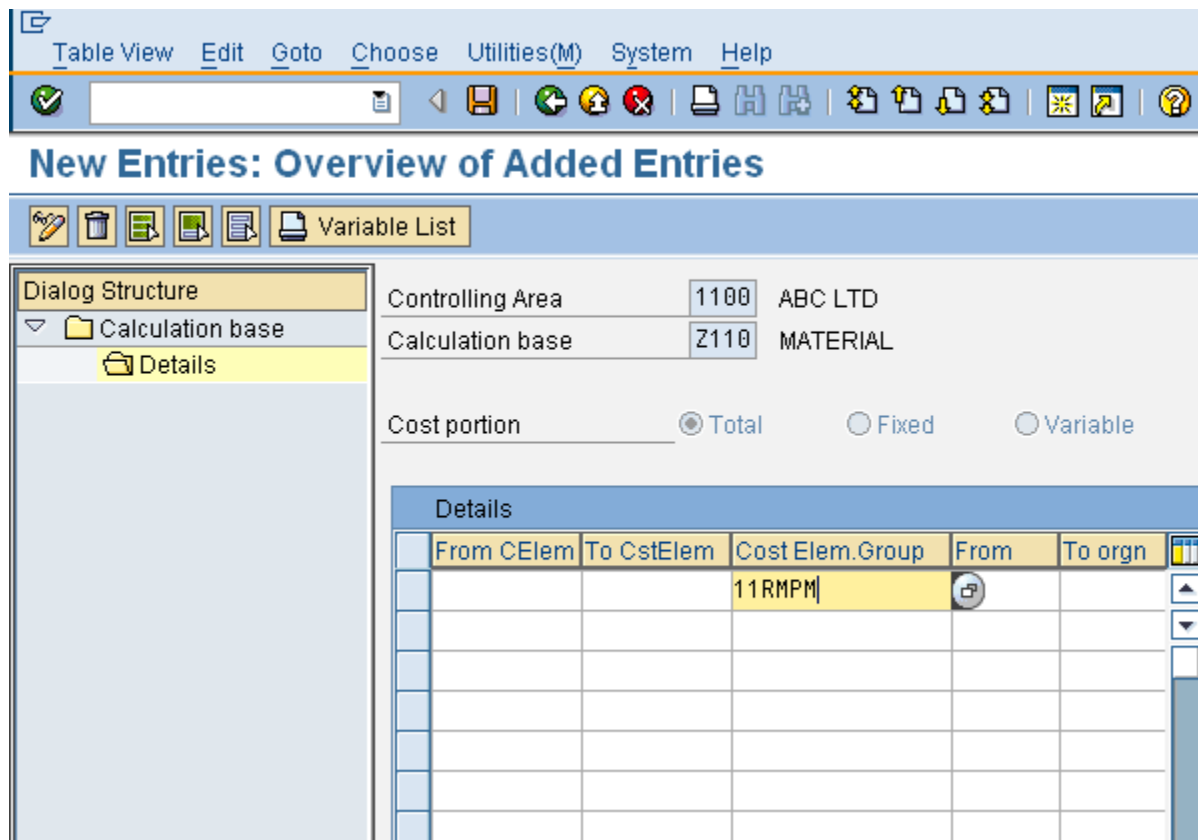



Update

Click on  and Update the following:-

The Raw material consumption is booked to cost elements 400000, 400013 and 400700. This is created as a cost element group 11RMPM.

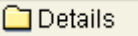
We update this as base for our calculation of overhead.



Click on Save 

Select 

Wages are booked under the primary cost element 420003 and 420506 and also wages allocation from other cost center is allocated using secondary cost element 943201. Therefore we specify this as base.

Double click  and Update the following:-

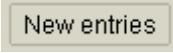
Click on 

Table View Edit Goto Choose Utilities(M) System Help

New Entries: Overview of Added Entries

Variable List


Dialog Structure

- Calculation base
 - Details

Controlling Area 1100 ABC LTD
 Calculation base Z111 WAGES

Cost portion Total Fixed Variable

Details					
	From CElem	To CstElem	Cost Elem.Group	From	To orgn
	420003	420506			
	943201	943201			

Click on Save 

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2.4 Define Percentage Overhead Rates

Menu Path

IMG → Controlling → Product Cost Controlling → Product Cost Planning → Basic Settings for Material Costing → Overhead → Costing Sheet: Components → Define Percentage Overhead Rates

Purpose of Configuration

We want to calculate 5 % overhead on Material and 2% on wages. But the condition is that, it should be only calculated for plant 1100.

To fulfill the above requirement we need to select the dependency **overhead type/ plant**. Thus the system will only calculate overhead rate for plant 1100. In the Std. SAP system there are quite a number of dependencies available such as plant, order type, overhead type, overhead key, company code etc.

Here we can calculate Plan and actual overhead. Plan overhead rate is required for the purpose of planning the cost of the product (standard cost estimate). Actual overhead rate is required for the purpose of charging it to the production order.

In this step we will create the **overhead rate**, attach the dependency and define the overhead rate. Further we will also define whether it is plan or actual.

Click on and **update the following:-**

Table View Edit Goto Selection Utilities(M) System Help


New Entries: Overview of Added Entries

Dialog Structure

- Percentage overhead
 - Details

List Where-Used List

Percentage overhead			
O/H Rate	Name	Dependency	Description
Z113	MATERIAL	D020	Overhead Type/Plant
Z115	PRODUCTION OVERHEAD	D020	Overhead Type/Plant

Click on Save 

Select

Z113	MATERIAL	D020	Overhead Type/Plant
------	----------	------	---------------------

Double click  Details

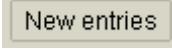
Click on  New entries

Table View Edit Goto Selection Utilities(M) System Help

New Entries: Overview of Added Entries

Dialog Structure

- Percentage overhead
 - Details

O/H Rate: Z113 MATERIAL
 Dependency: D020 Overhead Type/Plant

Details						
Valid from	To	CO Area	Ovrhd type	Plant	Percentage	Unit
01.01.2008	31.12.9999	1100	1	1100	5.000	%
01.01.2008	31.12.9999	1100	2	1100	2.000	%

Overhead type – 1 is actual overhead rate

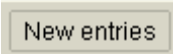
Overhead type – 2 is planned overhead rate

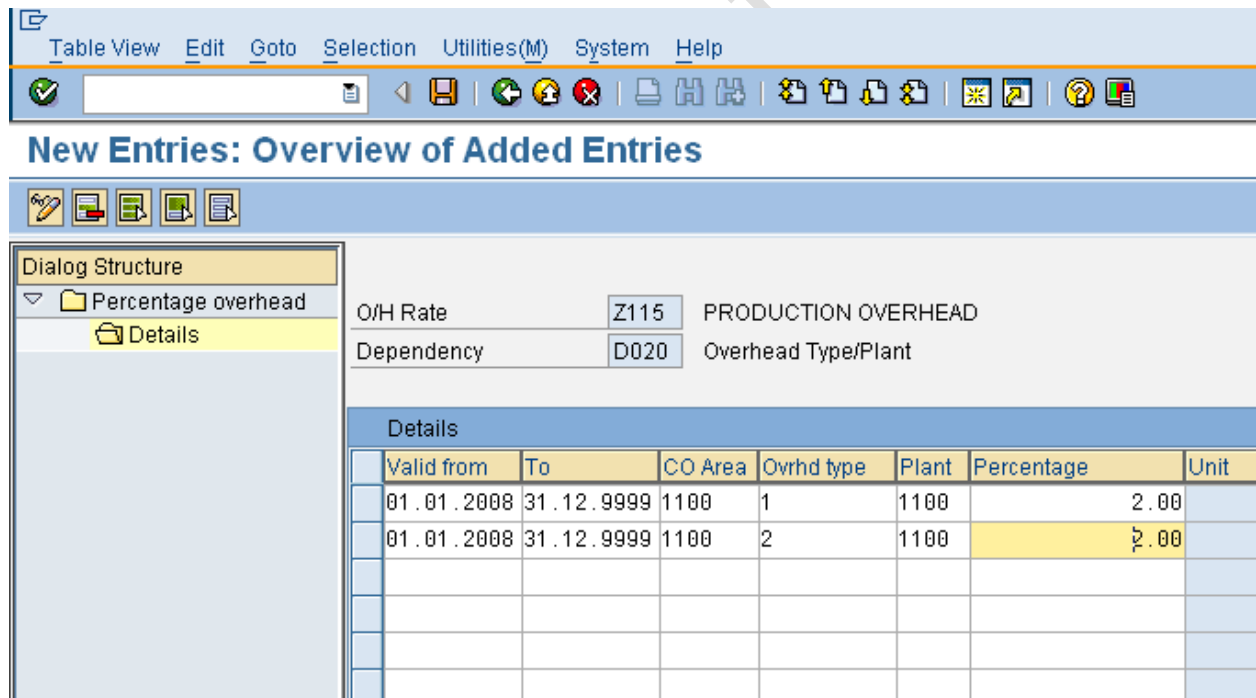
Click on Save 

Click 

Select **Z115** **PRODUCTION OVERHEAD** **D020** **Overhead Type/Plant**

Double click 

Click on  and update the following



Valid from	To	CO Area	Ovrhd type	Plant	Percentage	Unit
01.01.2008	31.12.9999	1100	1	1100	2.00	
01.01.2008	31.12.9999	1100	2	1100	2.00	

Click on 

To maintain a new dependency the path is as follows:-

Menu Path

IMG → Controlling → Cost Center Accounting → Actual Postings → Period-End Closing → Overhead → Costing Sheet: Components → Extras: Dependencies / Condition Tables → Define Condition Tables / Define Dependencies.

Create a new Condition table with table name as 999

You need to select fields Controlling area, Overhead type, Profit center and plant.

Create a new dependency.

Create a new access sequence. In this access sequence you will assign the condition table.

2.5 Define Quantity-Based Overhead Rates

Menu Path

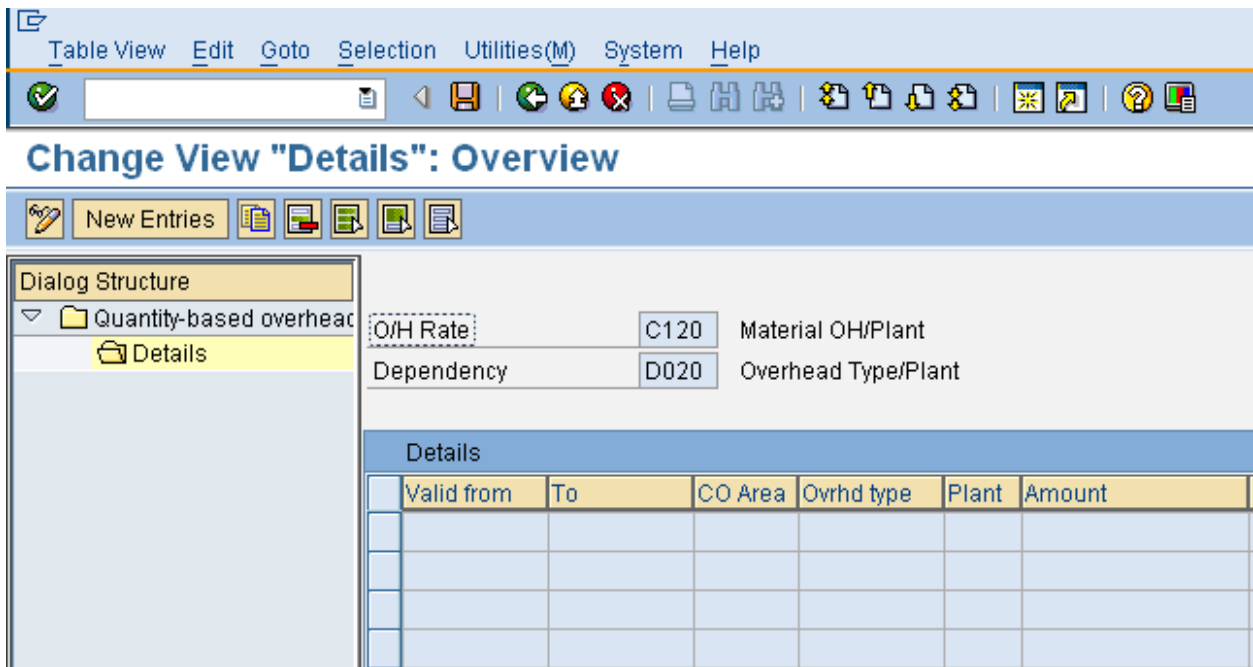
IMG → Controlling → Product Cost Controlling → Product Cost Planning → Basic Settings for Material Costing → Overhead → Costing Sheet: Components → Define Quantity-Based Overhead Rates

Purpose of Configuration

In addition to percentage-based overhead rates, you can also define quantity-based overhead rates, for example, 100 USD per tonne).

You can determine overhead rates in the plan and actual. Here too you need to attach the dependency.

We will not configure a quantity overhead.



2.6 Define Credits

Menu Path

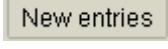
IMG → Controlling → Product Cost Controlling → Product Cost Planning → Basic Settings for Material Costing → Overhead → Costing Sheet: Components → Define Credits

Purpose of Configuration

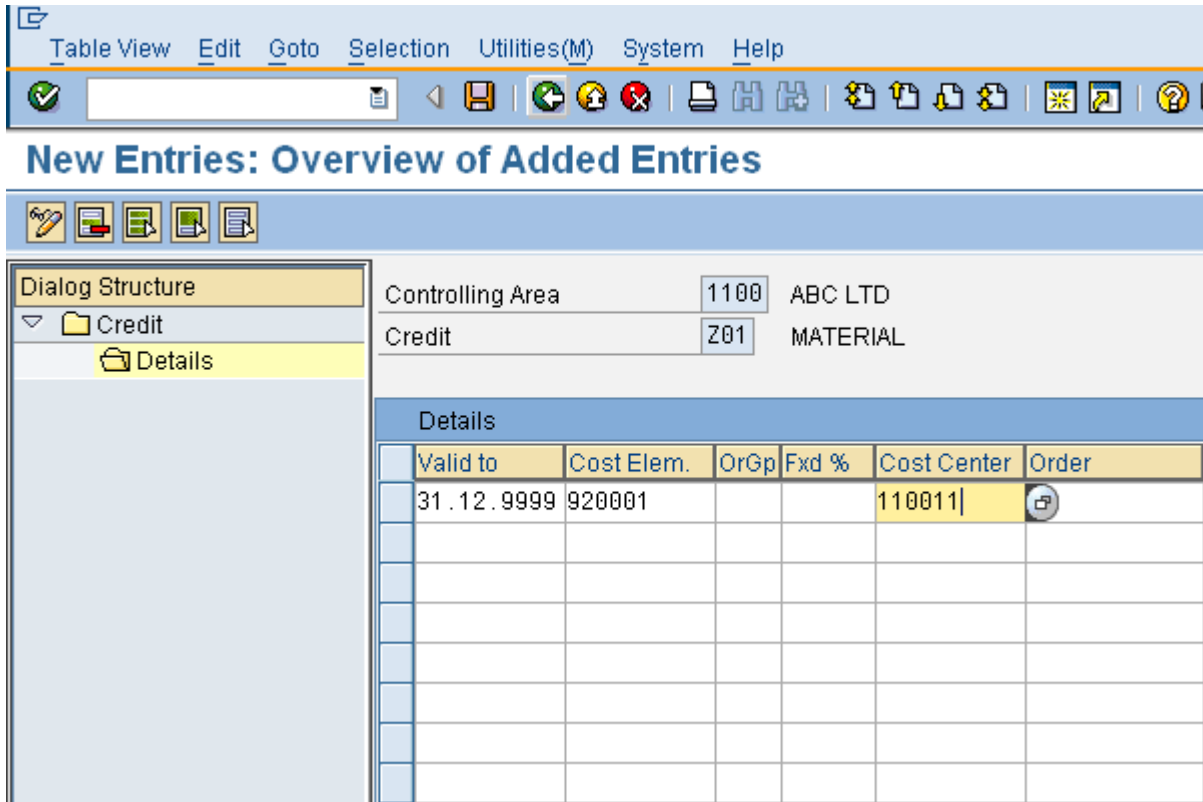
By defining the credit key you are crediting the cost center and debiting the product or the production order. The credit on the cost center happens with the overhead cost element which we created earlier 1101101 Material overhead and 1101104 production overhead.

Here we attach the overhead cost center which is to be credited. You can also define what percentage of the overhead is to be allocated as fixed costs.

Therefore we will create 2 credit keys one for material overhead and other for the production overhead.

Click on 


We update the cost center which is to be credited using the overhead cost element.



New Entries: Overview of Added Entries

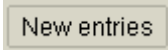
Controlling Area: 1100 ABC LTD
Credit: Z01 MATERIAL

Valid to	Cost Elem.	OrGp	Fxd %	Cost Center	Order
31.12.9999	920001			110011	

Click on 

Select 

Double click 

Click on 

New Entries: Overview of Added Entries

Controlling Area: 1100 ABC LTD
 Credit: 202 PRODUCTION OVERHEAI

Details					
Valid to	Cost Elem.	OrGp	Fxd %	Cost Center	Order
31.12.9999	920002			110014	

Click on

This is just a small portion of the overhead and product costing covered to walk you through. The complete set of FICO including Product costing comes in 11 power packed cds and you can grab them by clicking on the link below

<http://www.sap-topjobs.com/SpecialPP/8431654231.html>

So that's it then my dear friends. I hope you enjoyed reading it. All our packs are shipped thru FedEx and reaches you in three days time. One more thing this configuration pack is compatible with version 4.7, version 5.0 and 6.0 So you really do have to worry about the version at all.. We have taken care of that... Also all future version changes will be provided as free updates to you. So you can sit back relax and play the music Get the SAP FICO Complete Configuration pack right now and join the elite league of thousands of successful SAP FICO consultants.

Prosperity and Success Be On To You .

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take care and good day

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SAP Product Costing Configuration

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