## A Guide to Oracle Process Manufacturing System Setup

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## A Guide to Oracle Process Manufacturing System Setup

If something is in me, which can be called religious, then it is the unbounded admiration for the structure of the world so far as our science can reveal it. - Albert Einstein

#### 1. Abstract

This paper introduces the reader to the concepts enshrined in Oracle Process Manufacturing (OPM) System Administration module. These concepts are explained and then demonstrated with the aid of a fictitious business case. We take the case of a process industry spread across two major cities in southern India – Bangalore and Hyderabad. There are warehouses in each of these cities following different costing methods. These are therefore associated with OPM Companies following different Fiscal Policies. The paper also dwells on some setups that help store and manage textual data that is required for repetitive use in other OPM modules. This involves a demonstration of defining and using Paragraphs and Text Tokens.

#### 2. Scope

In terms of content this paper adheres to the boundary established by the Oracle Process Manufacturing System Administration User's Guide Release 11i (Part No. A77222-07). This paper restricts itself to the specifics of OPM System Setup and is not a guide to the larger domain of OPM System Administration, which is why topics such as Purge and Archive and Workflow Setup are not covered in this paper. Intended for foundation and intermediate level users, this paper walks the reader through the major concepts in setting up the OPM organization structure and making it operational thereby creating the foundation for the other OPM modules to build upon. This paper would also be of assistance to users of discrete manufacturing seeking an insight into the OPM System Setup.

#### 3. The Organization Setup: Discrete versus Process

The structure that we are going to set up is displayed in **Fig 1**. The process and the steps required to define the Set of Books, Legal Entity and the Operating Unit are no different in Oracle Process than those in Discrete Manufacturing. However, the moment we descend from the operating unit, down the organizational hierarchy the differences become apparent. Whereas, in Discrete Manufacturing we have Inventory Organizations beneath the Operating Unit and subinventories beneath the Inventory Organizations, in OPM we have Companies or OPM Organizations beneath the operating unit. There is no entity in Discrete Manufacturing that corresponds to an OPM Company or an OPM Organization. Thereafter, we have the OPM Warehouse, which is analogous to the Inventory Organizations in Discrete Manufacturing. The concept of subinventories is non-existent in OPM. However, OPM Warehouses can have locators just as subinventories do in Discrete Manufacturing.

#### 4. Which Responsibilities to use

We can either use the **OPM System Administrator** responsibility or the **OPM All** responsibility, which is a super set of all responsibilities that an OPM Super User would need.



We begin our construction with the Set of Books OPM IN and conclude with the warehouses.

#### 5. Defining the Set of Books – OPM IN

Select the responsibility **General Ledger Super User (Process Operations)**. The responsibility – **General Ledger Super User** can also be used.

#### Setup > Financials > Books > Define

We have defined our set of books as shown in Fig 2.

🗱 Set of Books - COOOCOO						물 게 X
Set of Books	OPM IN			Short Name	OPM IN	
Description	OPM India Bo	ooks				
Chart of Accounts	OPM Account	ting Flex		Functional Currency	USD	
– Calendar –				1		
Name	OPM	Futur	e Periods <b>12</b>			
Period Type	MONTH					[ 🗌 ]
Closing 📃 🗸	Journalling	Average Balances	Budgetary Control	Multiple Reporting Currer	ncies	
		Account				
F	Fund Balance	100-0000-3500-0000	-0000			
Translatio	n Adjustment	100-0000-3600-0000	-0000			
- Account Description	Account Dependenties					
Account Description						

#### Fig 2. Defining our Set of Books

#### 6. Defining our Legal Entity and Operating Unit

Before we define our legal entity, we need to define a location for our legal entity. This has been detailed in **Fig 3** and **Fig 4**. In the **Address Style** field, we select from the LOV, **Oracle Process Manufacturing**.

Responsibility: OPM System Administration OPM System Setup > HR Locations

Location Criticity Criticity	***************************************	2000-000-00 M 🛛 🛪 🗙
	Scope © Global Cocal	
Name	PR-Bangalore	
Description	Process Industries Bangalore Location	
Inactive Date	Legal Address	
Address Details Shippin	g Details Other Details	]
Address Style	Oracle Process Manufacturing	
Address	Process Industries Technology Park.1919, Banne	ergha
Timezone	(GMT +05:30) Calcutta	
		J

Fig 3. Location for the Legal Entity

Location	N N N N N N N N N N N N N N N N N N N
	Scope © Global O Local
warus I	Name PR-Bangalore
Location Addre	$\sim$
Address Line 1	Process Industries Technology Park
Address Line 2	1919, Bannerghatta Road
Address Line 3	
Address Line 4	
City	Bangalore
Province	
County	
State	
Postal	
Country	India
	<ul> <li>● .000000000000000000000000000000000000</li></ul>
	QK <u>Cancel</u> <u>Clear</u> <u>Help</u>

### Fig 4. Location Address for our Legal Entity

We are now ready to define our Legal Entity and Operating Unit.

Responsibility: OPM System Administration System Admin > OPM System Setup > HR Organizations

Enter **Organization** = PRB:Process Industries Bangalore (Select from the LOV) **Location** = PR-Bangalore

Name	PRB:Bangalore Proce	ess Industrie Type		
a <b>tes</b> From	11-MAY-2004	To		
Location	PR-Bangalore	Internal or External	Internal	
Location Address	Process Industries Te	chnology Park.1919, Bannergh	atta RoadBanga	alore
Internal Address				[]]
rganization Classifi	cations			
Name			Enabled	
GRE / Legal Entit	У			ŀ
Operating Unit			<b>S</b>	
			<b>□</b> <sup>\</sup> 2	ł
			Others	

#### Fig 5. Defining PRB as our Legal Entity and Operating Unit

When defining PRB as our Legal Entity, in **Additional Organization Information**, under **Legal Entity Accounting**, we associate PRB with our pre-defined Set of Books OPM IN (**Fig 6**).

👷 Organization	<u> </u>
Additional Organization Information	×
Legal Entity Accounting	
	ок
	galore
Internal 🚟 Legal Entity Accounting 🔅 🏷 🏷 🏷 🏷 🏷 🏷	$\cdots \cdots $
Organization     Set of Books OPM IN	OPM IN
Name VAT Registration Number	
GRE / Le	
	OK Cancel Clear Help
	Z
	Open

#### Fig 6. Associating the Legal Entity PRB with the S.O.B OPM IN

When defining PRB as our Operating Unit in **Additional Organization Information**, under **Operating Unit Information**, we associate PRB with our pre-defined Legal Entity and Set of Books, as shown below.

Organization					$\exists \ \exists \ X$		
Additional Organ	nization Informat	tion		×	_		
Operating	g Unit Informati	on		[]]]			
	W Operating Up	it Information 11111111111111111111	ОК	igalore			
Organization Name GRE / Le	Legal Entity [ Set of Books [	PRB:Bangalore Process Indu OPM IN	Istries				
Operatin				<u></u> <u>O</u> K	Cancel	Clear	Help
			Open				

# Fig 7. Associating the Operating Unit PRB with the Legal Entity (PRB) and Set of Books (OPM IN)

# Having defined our Legal Entity and Operating Unit, do we go ahead and define PRB as our process-enabled organization?

To do that, we will have to classify PRB as an Inventory organization (besides a Legal Entity and an Operating Unit). We will be required to enter the Accounting Information for this Inventory Organization.

Thereafter, we need to select Inventory Information.

From	11-MAY-2004	То				
Location	PR-Bangalore	Additional Organization Information				
Location Address	Process Industries T	le l				
Internal Address		Find %				
Organization Classifications		Additional Information Accounting Information Customer/Supplier Association				
Inventory Organization						

Fig 8. Selecting Inventory Information

This opens the **Organization Parameters** form.

In order to make PRB a process enabled Inventory Organization, also known as an OPM Warehouse in OPM terminology, we need to check the **Process Enabled** checkbox. Once we do that, the **Process Organization** field becomes mandatory as shown in **Fig 9**.

👯 Organization Parameters (PRB) २२२२२२२	000000000000000000000000000000000000000	도 꾀 X
Inventory Parameters Costing Informatio	n 🛛 Revision, Lot, Serial 🛛 ATP, Pick, Item-Sourcing 💽	[]]
Organization Code	PRB	
Item Master Organization	PRB:Bangalore Process Industries	
Calendar	Vision01	
	✓ Process Enabled	
Process Organization	I	
Demand Class		
Move Order Timeout Period	Days	
Move Order Timeout Action	Approve automatically	
Locator Control	None	
	Allow Negative Balances	
	□ W <u>M</u> S Enabled	
	Quality Skipping Inspection Control	
	EAM Enabled	
EAM Organization		
Capacity		
Load Weight	UOM	
Volume	UOM	

Fig 9. What if we try to define PRB as an OPM Warehouse at this stage?

However, if we now try to enter any value in this field (there are no values in the LOV), we get the following error:

FRM-40212: Invalid value for field PROCESS\_ORGN\_CODE.

**Note:** This error comes up because we have an Operating Unit (PRB) to which this OPM Warehouse is associated. This Operating Unit (PRB) has not yet been associated with a Fiscal Policy of a company in Oracle Financials under **Manufacturing Accounting Controller (MAC)**. Once we associate the Operating Unit with a Fiscal Policy, all OPM organizations (whether Manufacturing Plant or Non-Manufacturing Plant) that come under this Operating Unit, will appear in the LOV for the Process Organization field. Therefore, the next three immediate steps to be taken are:

- (1) Define PRB as an OPM Organization
- (2) Assign OPM Organization PRB to the user who needs to access it
- (3) Define a Fiscal Policy with which to associate the Operating Unit PRB

### 7. Of OPM Organizations and OPM Companies

## 7.1 Defining the first OPM Organization - PRB

Responsibility: OPM System Administration OPM System Setup > Organizations OPM Organizations (as opposed to OPM Warehouses) are entities to which you can assign resources, warehouses, General Ledger accounts and other cross-application items. There are *three dimensions* to defining an OPM Organization.

#### **Dimension 1: Parent**

An OPM Organization needs to be associated to a Parent. The **Parent** field determines the organization to which the current OPM Organization is a child. Child organizations can have independent resources and warehouses that are accounted for on the parent general ledger. The OPM organization hierarchy is built in this manner. Specifying the Parent helps us locate as to where this OPM organization is placed in the Organization chart.

#### **Dimension 2: Company**

An OPM Organization can either be a Company of it's own or be associated to a Company. What is a *Company* in OPM? A Company is a pre-defined OPM Organization against which a Fiscal Policy has been defined in OPM Financials under Manufacturing and Accounting Controller.

**Note:** Oracle Financials Release 11i provides the user with the ability to define multiple organizations and the relationships among them in a single installation of Oracle Applications. In order to support multiple organizations, any number of OPM Companies can be mapped to a Set of Books and Operating Unit. So if two OPM Companies are assigned to the same Operating Unit, as has been done in this paper (OPM Companies PRB and PRH are assigned to the Operating Unit PRB), then the data synchronization process in OPM must be run twice (once for each Company) in order to integrate the data between OPM and Financials.

#### **Dimension 3: Plant**

An OPM Organization would be either a Manufacturing Plant or a Non Manufacturing Plant or a Laboratory.

For this paper, we shall be defining two OPM Organizations PRB and PRH (refer **Fig 1**). Both these OPM Organizations would also be defined as Companies (the reason for doing that would become clear as we proceed further).

🚟 Organizations	000000000000000000000000000000000000000	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Organization	DDB	r 🗖 1
Name	Process Industrie	s Bangalore
Parent	PRB	
Company	PRB	
Plant	Manufacturing P	lant 🚽
Resource Whse Code		
Tax Location	NONE	Default
Manufacturing Calendar	CURRENT	Current Shop Calendar

#### Fig 10. PRB as our first OPM Organization

We shall define PRB as our first OPM organization, as shown in Fig 10.

Enter **Organization =** PRB Enter **Name** as shown above.

The **Parent** field will display a LOV comprising pre-defined OPM Organization codes. Enter PRB in this field and tab out.

As soon as we tab out from the **Parent** field, the **Company** field also gets populated with the value PRB. The OPM Organization PRB will have its own Fiscal Policy and therefore, we prefer to retain the value PRB in the **Company** field.

**Note:** The description fields against the **Parent** and the **Company** fields will not get populated as of yet. These fields will not display any value now. These fields will get populated from the value we have entered in the **Name** field, once we complete entering data in this form, save our work, and then requery the organization PRB (refer **Fig 11**).

Select **Plant** = Manufacturing Plant as we intend PRB to be an organization which has resources to undertake manufacturing activities.

To keep our case simple, we shall select (from the LOV) **Tax Location = NONE** 

Once we save our work and requery, PRB in the Organizations definition form we get what we see in **Fig 11**.

Organizations	000000000000000000000000000000000000000				≚⊼×
	Organization	PRB			[ ]]
	Name	Proces	s Industrie	s Bangalore	
	Parent	PRB	Process	Industries Bangalore	
	Company	y PRB Process Industries Bangalore			
	Plant	nt Manufacturing Plant 🔹			-
	Resource Whse Code				
	Tax Location	NONE		Default	
	Manufacturing Calendar	CURRENT		Current Shop Calendar	

#### Fig 11. The description fields against "Parent" and "Company" now have a value

#### 7.2 Assigning PRB to the relevant user

The **User Organization** window is used to assign any number of organizations to a user. Once assigned, a user can work only with an organization from among these authorized organizations. I have logged into applications as the user SAUMIT. I shall therefore assign PRB to the user SAUMIT.

**Note:** Only after PRB has been assigned to the user SAUMIT, will this user be able to log in and find this org (PRB) in the LOV of the **Company** field in the **Fiscal Policy** definition form in **OPM Financials**. Thus, without the user-organization association, Fiscal Policy definition (and many other features) will not be available to this user.

OPM System Setup > User Organizations

Query for the user SAUMIT. In the **Organizations** region place the cursor in the **Code** field and select PRB from the LOV (**Fig 12**).

**Note:** PRB appears in this LOV because it has already been defined as an OPM Organization.

Save your work.

#### 7.3 Defining the Fiscal Policy for PRB

Select OPM Financials as the Responsibility. Mfg. Acctg Controller > Setup > Fiscal Policies We have defined the Fiscal Policy as shown in **Fig 13**.

user Organizatio	ons 000000000000000000000000000000000000	≚⊼×
User	Name SAUMIT	
— Organiz	ations ————	_
Code	Description	
PRB	Process Industries Bangalore	
Ĭ		
Ū		
	]	

### Fig 12. Associating the User with the Organization

In **Fig 13**, we associate Company PRB with the OPM IN Set of Books. In the next field, we select PRB as the Operating Unit from the LOV. PRB is the only value in the LOV as we have defined only one Operating Unit under OPM IN.

🗯 Fiscal Policies - ১০০০০০০০০০০০০০০০০০০	******	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx				
Compony		Braces Industries Pangalere				
Company Ress Currency Code						
Dase Currency Code	42					
Maximum Periods	12	<b></b>				
Ledger	MAIN	Main Ledger				
Segment Delimiter	-					
Set Of Books	OPM IN					
Operating Unit	PRB:Ba	ngalore Process Industries				
C Subledger Posting	- Subledger Posting					
GL Cost Method	STD	Standard1				
Cost Basis	Current	r Period 👻				
Actual Cost Material	C Actual Cost Material					
Component Class <b>1-MA</b>	TERIAL	Material				
Analysis Code <b>VAL</b>		e Added				
<u> </u>		Cost <u>R</u> evaluation Parameters				

#### Fig 13. Fiscal Policy for Company PRB

**Note:** In defining the Fiscal Policy for PRB, we have selected Standard Costing as the **GL Cost Method**. Though costing issues are beyond the scope of this paper, this setup does have certain ramifications. We shall shortly be defining two OPM Warehouses (PRB and HSR) under OPM Organization PRB. For these warehouses we intend to use Standard Costing. It is therefore imperative that we define our Fiscal Policy for PRB such that the **GL Cost Method** is also chosen as Standard.

#### 7.4 Defining our next OPM Organization – PRH

🗱 Organizations ())))))))))))))))))))))))))))))))))))	$\times$ $\mathbb{R}$ $\geq$ 5000000000000000000000000000000000000
Organization	PRH [ ]
Name	Process Industries Hyderabad
Parent	PRH
Company	PRH
Plant	Non Manufacturing Plant
Resource Whse Code	
Tax Location	NONE Default
Manufacturing Calenda	r 🗾 🖬

#### Fig 14. Our second OPM Organization

Note: (1) As shown in Fig 1, PRH and PRB are at the same level. And each of these intends to have a Fiscal Policy of its own and be established as an OPM Company. This is why PRH is its own **Parent** just as PRB was defined as its own **Parent**. (2) PRH is being defined as its own **Company**. We shall soon find out, why.

(3) Lastly, we want to maintain PRH as a Non Manufacturing Plant.

#### 7.5 Assigning PRH to the relevant user

OPM System Setup > User Organizations

Organizations	
organizations	
Code Description	
PRB Process Industries Bangalore	
PRH Process Industries Hyderabad	

### Fig 15. Assigning PRH to the relevant user

#### 7.6 Defining a Fiscal Policy for PRH

Select OPM Financials as the Responsibility. Mfg. Acctg Controller > Setup > Fiscal Policies We have defined the Fiscal Policy as shown in **Fig 16**.

🕮 Fiscal Policies 🕉 🖓 🖓 🖓 🖓 🖓 🕬	$\times \pi \times \pi \times \pi$
Company	PRH Process Industries Hyderabad
Base Currency Code	USD US dollars
Maximum Periods	12
Ledger	MAIN Main Ledger
Segment Delimiter	•
Set Of Books	OPM IN
Operating Unit	PRB:Bangalore Process Industries
C Subledger Posting	
GL Cost Method	ACT Actual Cost
Cost Basis	Current Period
← Actual Cost Material	
Component Class 1-MA	TERIAL Material
Analysis Code VAL	Value Added
	Cost Revaluation Parameters

Fig 16. Fiscal Policy for PRH

#### 8. The Profile GMA: Default Organization

When a user logs in to define a Formula or a Recipe or a Routing there is a field, usually termed as *Owner Organization* on the forms where an organization code (to which the user is supposed to belong) defaults. This is the default organization associated with that user.

The default organization for a user can be defined by assigning an organization code to the profile option **GMA: Default Organization** under Personal Profiles. The LOV that a user will get to see when selecting his default organization against this profile option will contain the list of OPM Organizations that have been assigned to that user through the User Organizations form.

Let us define that for our user.

Responsibility: OPM Inventory OPM Inventory Control > Other > Profile Options

Query for the profile option GMA: Default Organization. The **Default Organization** window pops up as shown in **Fig 17**. Since PRB and PRH are the only two organizations assigned to this user SAUMIT, we see only these two organizations in the pop up window. Assuming the user SAUMIT works at the Bangalore unit, he selects PRB as his default organization. The result is shown in **Fig 18**.

**Note:** The default organization can be changed using the Session Parameters window. Also, the user can override the organization value that defaults from the above profile option into the **Owner Organization** field in the Formula, Routing, and Recipe forms.

Personal Profile Values			$\leq \pi \times$
Profile Name	Default Value	User Value	
GMA: Default Organization			
	]		
	Default Organization		00000000000000000000000000000000000000
	Find PR%		
	PRB Process In PRH Process In	dustries Hyderabad	
	~~		
İ.		(Find) OK	Cancel

Fig 17. Selecting the Default Organization for this user

oqacu Aylantar	Personal Profile Values (2000) 2000		× א א א
	Profile Name	Default Value	User Value
	GMA: Default Organization	Process Industries Banga	Process Industries Bang 🗝 📤
Ī			
Ĭ	í		
ł			

#### Fig 18. Selecting PRB as the Default Organization

#### 9. OPM Warehouses

#### 9.1 Defining the OPM Warehouses under OPM Company PRB

We can now get down to the task of defining our OPM Warehouses. To do this we have to revisit the HR Organizations form and classify our proposed OPM Warehouses as Inventory Organizations. Picking up the analogy, OPM Warehouses correspond to Inventory Organizations in Discrete Manufacturing. The steps we take to define both these kinds of organizations are also identical except for the **Process Enabled** checkbox that we come across in creating an OPM Warehouse.

The design proposed in this paper (**Fig 1**) suggests we have to define two OPM Warehouses under Company PRB. The portion that we are now going to set up is isolated and shown in **Fig 19**.



#### Fig 19. The Warehouses under OPM Company PRB

#### 9.1.1 Defining PRB as an OPM Warehouse

OPM System Setup > HR Organizations

Name	PRB:Bangalore Process	Industrie Type		
From	11-MAY-2004	To 🗌		
Location	PR-Bangalore	Internal or Externa	Internal	
Location Address	Process Industries Tech	nology Park.1919, Bannerg	hatta RoadBanga	alore
Internal Address				[ ] ]
Organization Classifi	cations			
Name			Enabled	
GRE / Legal Entity	1			A .
Inventory Organiz	ation			
Operating Unit			🖬 🗸	-
			Others	

Fig 20. Classifying PRB as an Inventory Organization



Fig 21. Set of Books = OPM IN; Legal Entity = PRB; Operating Unit = PRB

In the Inventory Parameters form, we select (from the LOV) **Item Master Organization** as PRB. When we check the **Process Enabled** checkbox, the **Process Organization** field becomes mandatory. If we check the LOV in this field we find two organizations appearing – PRB and PRH.

**Reason:** OPM Warehouse PRB is attached to the Operating Unit PRB. The Operating Unit PRB is in turn attached to two OPM Companies through Fiscal Policy definition – PRB and PRH. Hence, we find only these two organizations appearing here.

**Note:** Suppose we did not define a Fiscal Policy for PRH, then only PRB would have appeared in the LOV. In that case if PRH had had other OPM organizations as its child orgs, then those OPM Organizations would also not have appeared on the LOV. On the other hand if PRB and PRH had Fiscal Policies (as they already do) and in addition to that, were **each** Parents to two more OPM Organizations, then the LOV would have displayed PRB, PRH and the four child OPM Organizations.

🗱 Organization Parameters (PRB) 👾 👾	× ⊼ ≚ 30000000000000000000000000000000000
Inventory Parameters Costing Informatio	n Revision, Lot, Serial ATP, Pick, Item-Sourcing 🕑 [ ]
45	
Organization Code	PRB
Item Master Organization	PRB:Bangalore Process Industries
Calendar	Vision01
	✓ Process Enabled
Process Organization	PRB
Demand Class	
Move Order Timeout Period	Days
Move Order Timeout Action	Approve automatically 🔹
Locator Control	Prespecified only
	☑ <u>A</u> llow Negative Balances
	□ W <u>M</u> S Enabled
	Quality Skipping Inspection Control
	EAM Enabled
EAM Organization	

#### Fig 22. PRB becomes a process-enabled organization

Therefore, when defining an OPM Warehouse (i.e. the **Process Enabled** box is checked), the **Process Organization** field will display only those organizations which satisfy either (1) and (2) or (1) and (3) of the following criteria:

(1) The organization is an OPM Organization that is, it has been defined under OPM System Setup > Organizations

It does not matter whether it is a Manufacturing Plant or a Non Manufacturing Plant.

- (2) The organization is a Company that is, it has a Fiscal Policy defined for it in OPM Financials and that Fiscal Policy is attached to the same Operating Unit as that of the OPM Warehouse that is being set up.
- (3) The organization is not a Company, but satisfies (1), and is child to a Company whose Fiscal Policy is attached to the same Operating Unit as that of the OPM Warehouse that is being set up.

Now, we shall define the Costing Information. OPM Warehouse PRB will be following the Standard Costing Method.

**Note:** The costing method we choose here should not contradict the **GL Cost Method** that we had selected when defining the Fiscal Policy for PRB (refer Fig 13).

osacus Aphadam	Organization Parameters (PRB) (2000)200000		********	≚ ⊼ ×
Ir	ventory Parameters 🕇 Costing Information 🗍 Re	wision, Lot, Serial ATP, Pick, Item-Sourc	ing 💽	[ ]
	Costing Organization	DDP:Pangalara Brasses Industrias		
	Costing Organization	PRD.Dangalore Process industries		
	Costing Method	Standard		
	Rates Cost Type			
	Transfer to GL	Detail 🔹		
		Reverse Encumbrance		
		□ Project <u>C</u> ost Collect. Enabled		
	Cost Cutoff Date			
	Default Material Sub-Element			
	Default Material Overhead Sub-Element			
	Default Cost Group			
	Valuation Accounts ————————————————————————————————————			
	Material	100-0000-1420-0000-0000		
	Outside Processing	100-0000-1420-0000-0000		
	Material Overhead	100-0000-1420-0000-0000		
	Overhead	100-0000-1420-0000-0000		
	Resource	100-0000-1420-0000-0000		
	Expense	100-0000-5100-0000-0000		

Fig 23. Costing Parameters for OPM Warehouse PRB

Having discussed the nuances of the parameters that matter the most, we shall skip the details of the other tabs in the Organization Parameters window, as they are not of much consequence for the areas this paper focuses on.

Crganization (AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA				899년 제 3
Name	HSR:Process Industries Hos	ur Type		
- Dates	14-MAY-2004	To		
Location	PR-Hosur	Internal or External	Internal	
Location Address	Process Industries Hosur.21	2, Hosur Industrial Road	HosurIndia	
Internal Address				[ ]]
– Organization Classi	fications			
Name			Enabled	
Inventory Organ	ization			
			$\Box$	
Ĩ				-

9.1.2 Defining our second OPM Warehouse - HSR:Process Industries Hosur

Fig 24. The second OPM Warehouse under Company PRB

We had defined a Location (PR-Hosur) for this warehouse. We have attached this Location with this OPM Warehouse as seen in **Fig 24**. The **Accounting Information** implying the Set of Books (OPM IN), Legal Entity (PRB) and Operating Unit (PRB) will be the same for all our OPM Warehouses.

The remaining setup for HSR is shown in Fig 25 and Fig 26.

🚟 Organization Parameters (HSR) 👾👾	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
Inventory Parameters Costing Informa	ntion Revision, Lot, Serial ATP, Pick, Item-Sourcing 🐏 [ ]
Organization Cod	le <mark>HSR</mark>
ltem Master Organizatio	n PRB:Bangalore Process Industries
Calenda	ar <mark>Vision01</mark>
	✓ Process Enabled
Process Organizatio	n PRB
Demand Clas	s
Move Order Timeout Perio	d Days
Move Order Timeout Actio	n Approve automatically
Locator Contro	ol None

Fig 25. Making PRB the Process Organization for OPM Warehouse HSR

🚟 Organization Parameters (HSR) - (<<<<<<>><<<>><<<>><<<>><<<>>><<<>>><<<>>><<<>>><<<>>><<<>>><<<>>><<<>>><<>>><<<>>><<>>><<>>>>		2000-000 <u>로</u> 제 ×
Inventory Parameters Costing Information Re	wision, Lot, Serial ATP, Pick, Item-Sourc	;ing 🖳 [ 🗌 ]
		~~~
Costing Organization	HSR:Process Industries Hosur	
Costing Method	Standard	
Rates Cost Type		
Transfer to GL	Detail 🔹	
	□ <u>R</u> everse Encumbrance	
	Project <u>C</u> ost Collect. Enabled	
Fig 26. HSR follows Standard Costing in a	congruence with the Fiscal Policy f	or PRB

#### 9.2 Defining the OPM Warehouses for OPM Company PRH

We shall now focus on completing the structure shown in Fig 27.



#### 9.2.1 Setting up OPM Warehouse MDH

As before, the first step to creating OPM Warehouse would be to define its location. OPM System Setup > HR Locations This is shown in **Fig 28**.

Appendix Location	년 <u>1</u> 2 기 2
Scc ® <u>G</u>	pe obal OL <u>o</u> cal
Name PR-N	adhapur
Description Mad	napur Processing Location
Inactive Date	
Address Details Shipping Details	ils Other Details
Address Style Orac	le Process Manufacturing
Address	🚃 Location Address ()00000000000000000000000000000000000
	· · · · · · · · · · · · · · · · · · ·
	Address Line 1 1-200/10 Hi-Tech City Main Road
	Address Line 2 Madhapur
	Address Line 3
	Address Line 4
	City Hyderabad
E <u>x</u> tra Inform	Province
	County
	State
L	Postal
	Country INDIA
	(I)

## Fig 28. The Location for OPM Warehouse MDH

The next step is to define the OPM Warehouse or the Inventory organization.

Nomo	MDH-Madhanut Broossing	Tuno		
Dates	mon.maunaput Frocessing	Type		
From	14-MAY-2004	To		
Location	PR-Madhapur	Internal or External	Internal	
Location Address	1-200/10 Hi-Tech City Main I	Road.MadhapurHydera	ıbadIndia	
Internal Address				[
Organization Classifi	cations			
Name			Enabled	
Inventory Organi	zation			A 1

OPM System Setup > HR Organizations

Fig 29. Establishing Madhapur Processing as our new OPM Warehouse

The Set of Books, Legal Entity and Operating Unit association is as displayed in **Fig 30**.

Accounting Info	ormation (Alexandratic Alexandratic Ale		*******		******* ×
Set of Books	OPM IN	OPM IN			
Legal Entity	PRB:Bangalore Process Industries				
Operating Unit	PRB:Bangalore Process Industries				
	•				
			Cancel	Clear	Help

#### Fig 30. Accounting Information for MDH

Organization Parameters (MDH) 2000000	Operation (0) ≤ 2	n × ī
Inventory Parameters Costing Information	n Revision, Lot, Serial ATP, Pick, Item-Sourcing 💷 [	]]
Organization Code	MDH	
Item Master Organization	PRB:Bangalore Process Industries	
Calendar	Vision01	
	Process Enabled	
Process Organization	PRH	
Demand Class		
Move Order Timeout Period	Days	
Move Order Timeout Action	Approve automatically	
Locator Control	None 🔽	
	Allow Negative Balances	

# Fig 31. In accordance with the structure in Fig 27, the PRH is the Process Organization for MDH

The Costing Method employed by MDH is Average Costing. This was made possible by selecting the **GL Cost Method** as **Actual Costing** (**Fig 16**) when defining the Fiscal Policy for PRH. This is shown in **Fig 32**.

**Note:** We wanted to have Average Costing for two of our OPM Warehouses (MDH and SCB). But the Fiscal Policy for OPM Company PRB had a **GL Cost Method** as **Standard**. It is precisely for this reason that we had to define a separate Fiscal Policy for the OPM Organization PRH, which governs the warehouses MDH and SCB. And in the Fiscal Policy for PRH we chose Actual Costing as the GL Cost Method. The **GL Cost Method** specified in the Fiscal Policy definition form for PRH would be used to populate journal entries from OPM Warehouses MDH and SCB. A detailed discussion on the costing implications of OPM System Setup is beyond the scope of this paper and deserves a separate treatment per se.

🗱 Organization Parameters (MDH) - 00000000000000	000000000000000000000000000000000000000			( <u> </u>
Inventory Parameters Costing Information Re	wision, Lot, Serial 🛛 ATP, Pick, Item	n-Sourc	ing 💽	[]
Costing Organization	MDH:Madhapur Processing			
Costing Method	Average			
Rates Cost Type	AvgRates			
Transfer to GL	Detail	•	L3	
	Reverse Encumbrance			
	Project Cost Collect. Enabled			
Cost Cutoff Date				
Default Material Sub-Element				
Default Material Overhead Sub-Element				
Default Cost Group				
Valuation Accounts				
Material	100-0000-1420-0000-0000			
Outside Processing	100-0000-1420-0000-0000			
Material Overhead	100-0000-1420-0000-0000			
Overhead	100-0000-1420-0000-0000			
Resource	100-0000-1420-0000-0000			
Expense	100-0000-5100-0000-0000			

Fig 32. MDH uses Average Costing

## 9.2.2 Setting up the last OPM Warehouse – SCB

The steps are the same as employed in setting up MDH.

Figs 33 to Fig 37 demonstrate the setting up of SCB.

Location		אתצ Z
	<b>Scope</b> ● <u>G</u> lobal O L <u>i</u>	<u>p</u> cal
Name	PR-Secunderabad	
Description	Secunderabad Pro	cessing Location
Inactive Date		
Address Details Shipping	g Details 👘 Other De	tails
Address Style	Oracle Process Ma	nufacturing
Address	Location Addre	ss beechereneeren ereneren gebeuren
	Address Line 1	188, Phase-2
	Address Line 2	IT Center
	Address Line 3	Gunrock Enclave
	Address Line 4	
	City	Secunderabad
E <u>x</u> tra Inform	Province	
	County	
	State	
	Postal	
	Country	INDIA
		(l)



organization	00000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		0001년 제 X
Datas	Name	SCB:Secunderabad Pro	ocessing Type		
	From	17-MAY-2004	To		
	Location	PR-Secunderabad	Internal or External	Internal	
Loc	ation Address	188, Phase-2.IT Center.	Gunrock EnclaveSecundera	badIndia	
Int	ternal Address				[ ]]
rgani –	zation Classifi	cations	_		
Nar	me			Enabled	
Inv	entory Organia	zation			

Fig 34. Establishing Secunderabad Processing as our fourth OPM Warehouse

🚟 Accounting Inf	ormation 3000000000000000000000000000000000000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			********	×
Set of Books	OPM IN	OPM IN				
Legal Entity	PRB:Bangalore Process Industries					
Operating Unit	PRB:Bangalore Process Industries					
	Jacoba 💽					
		QK	Cancel )	(Clear)	(Help)	

Fig 35. Accounting Information for SCB

Organization Parameters	s (SCB) (MARAAAAA		*******			≚ ⊼ ×
Inventory Parameters 🚺	Costing Information	Revision, Lot, Se	rial ATP, Pi	ck, Item-Sourcin	g 💽	[]]
	Ŋ					
Or	ganization Code 🚦	SCB				
ltem Mas	ter Organization F	PRB:Bangalore Pr	ocess Indust	ries		
	Calendar 🚺	/ision01				
		Process Enabled				
Proce	ess Organization 🖡	PRH				
	Demand Class					
Move Order	r Timeout Period	Days				
Move Order	r Timeout Action 🛛	Approve automati	<mark>cally</mark> 🔻			
	Locator Control	None		-		
	V	Allow Negative Ba	lances			

Fig 36. Placing OPM Warehouse SCB under OPM Organization PRH



Fig 37. SCB employs Average Costing in tandem with the Fiscal Policy for PRH

#### 10. Defining a Unit of Measure

Defining units of measure (UOM) that we will require in other applications in OPM is an integral part of OPM System Setup.

Responsibility: OPM System Administration OPM System Setup > Units of Measure > Units of Measure

The **Organizations** window that pops up displays the LOV of all organizations that have been defined as Inventory Organizations. We will find PRB, HSR, MDH and SCB among others, in this LOV. Select PRB.

In the **Units of Measure** window that comes up, we shall define a UOM called **Milliliter** or **ML**. We shall assign this UOM to the seeded UOM Class called **VOL**. Before we proceed any further we need to save our work. This is shown in **Fig 38** below.

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oqacu Aykadar	Units c	f Mea:	Save	<u>j</u> est		-00		2000	200			2002	22	-0-0-	-000			202	-00	ee:	- (c)	202	ж	-000	00 <u>-</u>	নি	×
				,										Ва	ise												
														Un	iit												
	Name	9			UC	DM	Desc	riptio	n						_	Clas	s			Ina	activ	e Oi	n				
	ALB				AL	.В	Activ	re LBS	S (Pi	oce	ss)					ACTI	М									1	9
	Millili	iter			ML	- ][	Millil	liter (l	Proc	ess)				] 🗆	l [	/OL								-	·		

Fig 38. Defining a UOM for our future use

What we now need to do is to specify how **Milliliter** translates into the Base Unit of Measure of the UOM Class **VOL**. The Base UOM for **VOL** is **Gallon (Process)** or **GL**. Click on the **Conversions** button, at the bottom right of the **Units of Measure** screen.

OPM System Setup > Units of Measure > Units of Measure > (B) Conversions

We now need to specify the conversion between **ML** and **GL**. This has been done and saved, as shown in **Fig 39** below.

Notes Save	🍓 🖗 i 🗶 🗊		Ø \$\$ [ <b>?</b>	⊻ ⊼ X	
Unit of Measure Conver	rsions - Milliliter, VOL ss Inter-class	. 2000000000000000000000000000000000000	**********		₹7
Unit Milliliter	Class VOL	=       Conversion       X         00026417287472922	Base Unit GL	Inactive On	

Fig 39. Defining the conversion between Milliliter and Gallon (Process)

1 ML = 0.000264172874729222803403 GL

With this, we have successfully defined the unit of measure ML.

#### **11. Document Ordering**

We have so far created two OPM Organizations PRB and PRH, which are attached to the user SAUMIT. We will need to assign Manual or Automatic numbering system to the types of documents seeded in the application. This exercise needs to be performed for each of these OPM Organizations. The existing literature provides adequate details on this topic.

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🚟 Document Or Save 1999		× R ≥ 30000000000000000000000000000000000
Document Type	ADJI	Inventory Adjustment - Immediate
Organization	PRB	Process Industries Bangalore
Assignment Type	Automat	t <mark>ic </mark>
Last Assigned		0
Format Size	6	

#### Fig 40. An example for Document Ordering

#### 12. Defining Paragraphs

This topic comes under optional settings in OPM System Setup. However, it is being covered in this paper to demonstrate with the aid of a few examples of how this is done.

Paragraphs in OPM are structures that are used to store and categorize text. OPM is installed with one default paragraph per database table, the **General Text**.

Using the Paragraph window, we can specify different paragraphs that can be associated with tables. The examples that follow, illustrate this point.

In this paper we would be defining paragraphs for some specific tables that are referenced in OPM modules – OPM Inventory (GMI) and OPM Product Development (GMD).

OPM System Setup > Paragraphs

Query for the table IC\_ITEM\_MST, as shown in **Fig 41**.

This is the Item definition table in OPM. It contains all information relating to an item, such as lot/sublot control, unit of measure information, and all class and type designations.

👯 Paragraphs	000000000000000000000000000000000000000		≚ ⊼ ×
	Table Name IC_ITEM_	MST	
– Paragraph -			
	Sub Paracode		
	NonPrintable		
Code		Description	
	· · · · · · · · · · · · · · · · · · ·	-	1
			3

Fig 41. Querying for the Item Master table

Once the existing values are retrieved, add a new record as shown in Fig 42.

📲 Para	agraphs	20000		000000		≚∍×
		Table Na	me I	C_ITEM_N	AST	
– Рага	igraph -					
		Sub Para	code			
	Code				Description	
	0001	1	Yes	*	xx-item comments	
Ī	DXZZ	0	No	Ŧ	General Text	
	DXZZ	0	No	-	General Text	
	0002	0	No	-	Notes on Item Storage	
Ĩ				-		
i ii						

## Fig 42. Creating a Paragraph name for future use

We can check if this Paragraph is now available to us, in the form where IC\_ITEM\_MST is referenced.

Using the OPM Inventory responsibility navigate to Inventory > OPM Inventory Control > Setup > Item Master

Query for and retrieve an existing item.

Navigate to Actions > Edit Text, as shown in Fig 43.

As **Fig 44** shows, the Paragraph we had just defined comes up in the Select Text Paragraph window.

Eile	Edit ⊻i	ew Folde	r <u>T</u> oo	ls	Actions Window Help	l					
	1 🍗 🚳	) [ 🥭 ]	þ <b>8</b>		Mark for Purge	1	i 🧀 🗊 🤇	Ø 🕸 i 🧞	513		
onarus Alfentes	Items 🕃			<u>ن</u>	Edit Text						জেলে ≝ র ×ী
					Additional Information						
					Conversions			_			
			ltem	ы	Specification						
		Descri	iption	Ρ	Samples						
		Com	ment	Г	Costing						
				Н	Customer Generics						
	A	iternate Ite	em A	Ц	Assign Categories			_			_
	А	lternate Ite	em B						Inac	tive 🗌	[ ]
	V	/arehouse	ltem	68	301			E)	operimer	ntal 🗆	
6	Unit of	deasure -					– Codes –				
		Dual Cr	ontrol	N	on Dual	-		Type	NON		
		Doar of		F	Durt				C	-	
			UUIVI	<b>b</b>				ADC Rafik	<u> </u>		
	De	viation Fa	ctor+		0			UPC Code			
	De	viation Fa	ctor -		0		L				
6	Control	;									
	Nor	Inventory	Yes	;	-		Grade	No	-	Default	
		Location	Nor	1-L	ocation	-	Status	Non-Status			-
		Lot	No		<b>v</b>		Default				
		Indivisible	No		-		Matching	Invoice,PO	,Receip	ot	-
		Sublot	No		*	F	<sup>D</sup> ricing Source	Order	•		

Paragraph Desc	ription				Non F	<sup>o</sup> rinta	ble	
Notes on Item	Storage					<u> </u>	<b>^</b>	
xx-item comm	ents					•		
General Text								Inactive 🗌 🛛 [
General Text							3	xperimental 🗌
							8	
								NON
								С
							-	
			Close	(	Edit T	ext		▼ Default
				(				•
Lot	No	*			Defai	ult		
Indivisible	No	-			Matchir	ng	Invoice,P	0,Receipt 👻
	N	_						

#### Fig 43. Calling the Edit Text Feature in the OPM Item definition form

Fig 44. The Paragraph we had just defined is now available

Similarly, we have defined the paragraphs against the following tables.

Par	agraphs	200000			N)		47	π×
		Table Na	me FI	M_ACT	v_	MST		
– Par	agraph							
		Sub Para	code					
			NonPri	ntable				
	Code					Description		
	DXZZ	0	No		-	General Text	<b>A</b>	
	0001	0	No		•	Activity Notes		
					-			

Fig 45. Paragraph "Activity Notes" defined for the Activity Master table

FM\_ACTV\_MST is the Activity master table. It defines activities, which are performed in operations.

The paragraph **Activity Notes** can be referenced when defining Activities in Process Engineer > Setup > Activities

eacus Para	graphs	200000		eee		া স	×
		Table Na	me FM_F(	DRM	MST		
– Para	graph						
		Sub Para	code				
			NonPrintabl	e			
	Code				Description		
	DXZZ	0	No	-	General Text	<b></b>	
	0001	0	No	-	Notes on this Formula		
Ì				-			

Fig 46. Paragraph "Notes on this Formula" defined for the Formula Header

FM\_FORM\_MST is the Formula Header table.

The paragraph **Notes on this Formula** can be referenced when defining a Formula and the cursor is in the Formula Header region. The navigation would be Formulator > Formulas

1 0111	iulator	~ 1 UIIII	uias			
🔐 Par	ragraphs	2000000			00000000000000000000000000000000000000	≚ ज्ञ ×
		Table Na	me (I	FM_MATL	DTL	
– Par	agraph -					
		Sub Para	code			
			NonP	rintable		
	Code				Description	
	DXZZ	0	No	<b>*</b>	General Text	-
	0001	0	No	-	Notes on the Quantity to use	
	0002	0	No	+	Notes on the Ingredient	
	0003	0	No	•	Notes on the By-Product	
				Ŧ		

Fig 47. Paragraphs defined for Formula Details

FM\_MATL\_DTL is the formula details table. It stores the details of product, ingredient and byproduct. This is also evident from the paragraph names we have chosen here. To reference the paragraphs as defined in **Fig 47** the navigation would be Formulator > Formulas

and the cursor would need to be in the Products, By-products or Ingredients region.

🔐 Para	agraphs	2000000	0-0-0-0-0-0-0		200000000000000000000000000000000000000	īΧ
		Table Na	me FM	OPRN	I_CLS	
– Para	agraph -					
		Sub Para	code			
			NonPrint	able		
	Code				Description	
	DXZZ	0	No	-	General Text	
Ī	0001	0	No	Ŧ	Notes on the Operation Class	
Ī				-		

#### Fig 48. Paragraph defined for Operation Class

FM\_OPRN\_CLS is table that stores details of operation classes that are used to group operations. This is also evident from the paragraph names we have chosen here. To reference the paragraph defined in **Fig 48**, the navigation would be Process Engineer > Setup > Operation Classes

🕮 Paragraphs	0000000		************		≚ ⊼ ×
	Table Na	me GMD_OI	PERATION_ACTIN	/ITIES	
— Paragraph					
	Sub Para	code			
		NonPrintable			
Code			Description		
0001		No	<ul> <li>Notes on Activ</li> </ul>	rities for this Operation	4
			-		

Fig 49. Paragraph defined for Activities associated with an Operation

GMD\_OPERATION\_ACTIVITIES stores details of Activities for each Operation. This is also evident from the paragraph names we have chosen here. To reference the paragraph we have defined in **Fig 49**, the navigation would be

Process Engineer > Operations

And the cursor needs to be in the Activities region.

Paragraphs	20000000	******	e.	0000000000000000000000000000000000000
	Table Na	me GMD_O	PE	RATION_RESOURCES
– Paragraph -				
	Sub Para	code		
		NonPrintable		
Code				Description
0001	0	No	-	Notes on the Resources for this Operation
			-	

Fig 50. Paragraph defined for Resources associated with an Operation

GMD\_OPERATION\_RESOURCES stores details of the Resources we define against each Activity within an Operation.

To reference the paragraph in **Fig 50**, the navigation would be Process Engineer > Operations > (B) Resources

**Note:** When defining Paragraphs to be referenced in the Activities definition form (FMACTVED), if the paragraphs are defined against the table FM\_ACTV\_MST then these Paragraphs can be used in the form FMACTVED using Actions > Edit Text. However, if Paragraphs are defined against the table GMD\_ACTIVITIES\_B, then these paragraphs are not available for use on the form FMACTVED. Similarly, if we want to define Paragraphs to be referenced by the Operation Header in the Operations definition form (GMDOPRED), then defining paragraphs against the table GMD\_OPERATIONS\_B has no effect. In concurrence with the OPM GMD Development

team, internal **bug 3768618** has been logged with Development to initiate the code-fix for resolving this anomaly.

#### 13. Defining and using a Text Token

Now, that we have understood how to define Paragraphs and use them to our advantage, it is time to take a quick look at another *text management* utility available in OPM System Setup.

Text tokens embody long sentences or messages in the form of a short description. Once a text token has been defined, it can be used repeatedly (wherever the message which the token encapsulates, is required).

Let us define one token for this paper.

Using OPM System Administration responsibility, navigate to System Admin > OPM System Setup > Text Tokens

Enter the data as shown in Fig 51.

🚟 Text Tokens - (AAAAAAAAAAA	$\times$ R $\succeq$ 3000000000000000000000000000000000000
Token	COOL & DRY
Description	STORAGE INSTRUCTIONS
Fig 51. Creating our	first text token – entering the <i>Token Name</i> and <i>Description</i>

Eile Edit View Folder Tool:	s <mark>Actions</mark> Window Help
🎑 🕸 🖉 🕲 🖉 🛤	- Edit Text 🔀 🗊 🎁 💋 🤿 🕼 🌍 🖉 🌾 📋 ?
Text Tokens (2000)00000	x 🛛 🗉 >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
loken	COOL & DRY
Description	STORAGE INSTRUCTIONS
Fig 52. Creating our f	irst text token – we need to enter the message/long description

Now use Actions > Edit Text as shown in **Fig 52**.

This brings us to the window shown in **Fig 53**.

Text Editor		000000000000000000000000000000000000000	≚ ⊼ ×
	Table Name	sy_text_tbl	
	Description	General Text	
— Text ——			
STOR	IN A COOL	AND DRY PLACE.	
AVOID	DIRECT EXP	POSURE TO THE SUN.	
	(	Text Tokens Paragraph <u>C</u> ancel CK	

# Fig 53. Creating our first text token – entering the text message for the token to encapsulate

Once we are through with the data entry as shown in **Fig 53**, click **OK**. This will bring us back to the Text Tokens opening window. We now need to save our work.

We shall now run a short test on using this newly created Text Token in one of out previously defined paragraphs.

Using OPM Inventory responsibility, navigate to OPM Inventory Control > Setup > Item Master

Query and retrieve an existing item. Navigate to Actions > Edit Text, as shown in **Fig 43**.

This brings us to the window shown in **Fig 54**. Select the **Notes on Item Storage** paragraph that we had previously defined. Click on the **Edit Text** button as shown in **Fig 54**.

Paragraph Description	Non Printable
Notes on Item Storage	
xx-item comments	
General Text	
General Text	;

## Fig 54. Select the Paragraph we had defined earlier and click *Edit Text*

This brings us to the **Text Editor** screen. Click on the **Text Tokens** button, as shown in **Fig 55**.

Text Editor		000000000000000000000000000000000000000	×
	Table Name	ic_text_tbl	
	Description	Notes on Item Storage	
— Text ——			
			_
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<u></u>			ł
			f
	,		
	ļ	Lext Textens Paragraph Cancel OK	

Fig 55. Click on the Text Tokens button

The moment we click on the Text Tokens button, two possibilities exist

- (1) A LOV pops up displaying the existing Text Tokens, if more than one Text Token has been defined
- (2) If only one text token has been defined, that Text Token gets populated in the Text section preceded by a period(.). This is what happens for us as shown in **Fig 56**.

Text Editor			≚ ⊼ ×
	Table Name	ic_text_tbl	
	Description	Notes on Item Storage	
— Text ——			
.COOL	& DRY		
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		Text Tykens Paragraph Cancel OK	

Fig 56. The only pre-defined Text Token pops up

The text token is always preceded by a (.). Press Tab. This will convert the Text Token into the text message it embodies. This is shown in **Fig 57**.

esseure Specieres Text Editor			≝ ज ×
	Table Name	ic_text_tbl	
	Description	Notes on Item Storage	
– Text ––––			
STOR	E IN A COOL	AND DRY PLACE.	
AVOID	DIRECT EXF	POSURE TO THE SUN.	
Ĭ			_
		Τ.	
UL			
	(	Text Tokens Paragraph <u>C</u> ancel OK	

Fig 57. The entire text under the token gets displayed when we tab out from the token name

Now, click **OK**. This will bring us back to the Item definition form.

We need to save our work. The entire text is now saved for this item under the paragraph **Notes** on Item Storage.

#### Summary

OPM System Setup essentially follows the same rules for defining Set of Books, Legal Entities and Operating Units, as does Discrete Manufacturing. The differences emerge where the concept of an OPM Organization comes in – an entity, which has no equivalent in Discrete Manufacturing. There are three vital coordinates that determine the frame of reference of the OPM Organization in the overall OPM Organizational hierarchy. These are - Parent, Company and Plant. A Company in OPM corresponds to an Operating Unit in Oracle Financials. However, the user can define multiple companies in OPM and map them to a single Set of Books and a single Operating Unit. In such a case, the Data Synchronization process must be run multiple times (once for each Company) in order to integrate the data between OPM and Financials. OPM Warehouses are the Inventory Organizations in Process Manufacturing. In OPM System Setup, we define units of measure that we foresee, as our requirement in defining entities in other OPM modules. Textual data that needs to be repetitively used across OPM modules can be categorized using the Paragraph feature and encapsulated using the Text Token utilities.

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White Paper: A Guide to Oracle Process Manufacturing System Setup Author: Saumit Mandal CPIM Contributing Authors: N/A

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