

OVER VIEW OF SAP PM Configuration Pack

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Hello Everyone,

A Warm Welcome To You All! We are really excited to offer the complete SAP PM configuration pack to the SAP community. There were a lot of consultants who were after us to come up with a pack and so we are glad to present this to you... As you are aware that our SAP FICO, PP/QM, MM/WM and SD 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 the PM 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 the SAP PM 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 client's place would be very comfortable...

What I have done here is given you a brief of around 98+ pages of content in the PM 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 let's dive in....

1. PM Technical Object Configuration

1.1 Define Planning Plant

BACKGROUND

This configuration setting enables to define the planning plant.

Planning plant is the one where the planning of entire maintenance activities is performed for several plants.


SCENARIO

Define IND6 as planning plant.

INSTRUCTION

Follow the Menu Path: IMG★Enterprise Structure ★ Definition ★ Plant Maintenance ★Maintain maintenance planning plant

Click 

Click 

Enter planning plant. E.g. IND6.

Note: - when creating plant by copying from another plant, all relevant information is copied.

Click 

Click 

1.2 Assign Planning Plant

BACKGROUND

This configuration setting enables to assign the planning plant.

Assignment is establishing relation between planning plant and maintenance plant.

SCENARIO

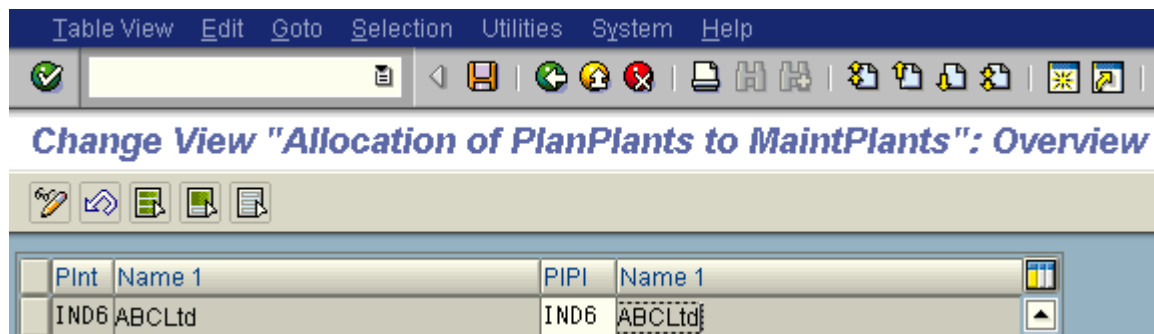
Assign IND6 planning plant to IND6 maintenance plant.

INSTRUCTION

Follow the Menu Path: IMG★Enterprise Structure ★ Assignment ★ PlantMaintenance ★Assign maintenance planning plant to maintenance plant

Click 

Enter the planning plant against the maintenance plant



Click 

Click 

1.3 Define Types of technical objects

BACKGROUND

This configuration setting enables to define the technical object types.

Each equipment and functional location can be assigned to technical object type. Technical object type is mainly used to group the equipment of similar usage.

Grouping of equipment helps better reporting.

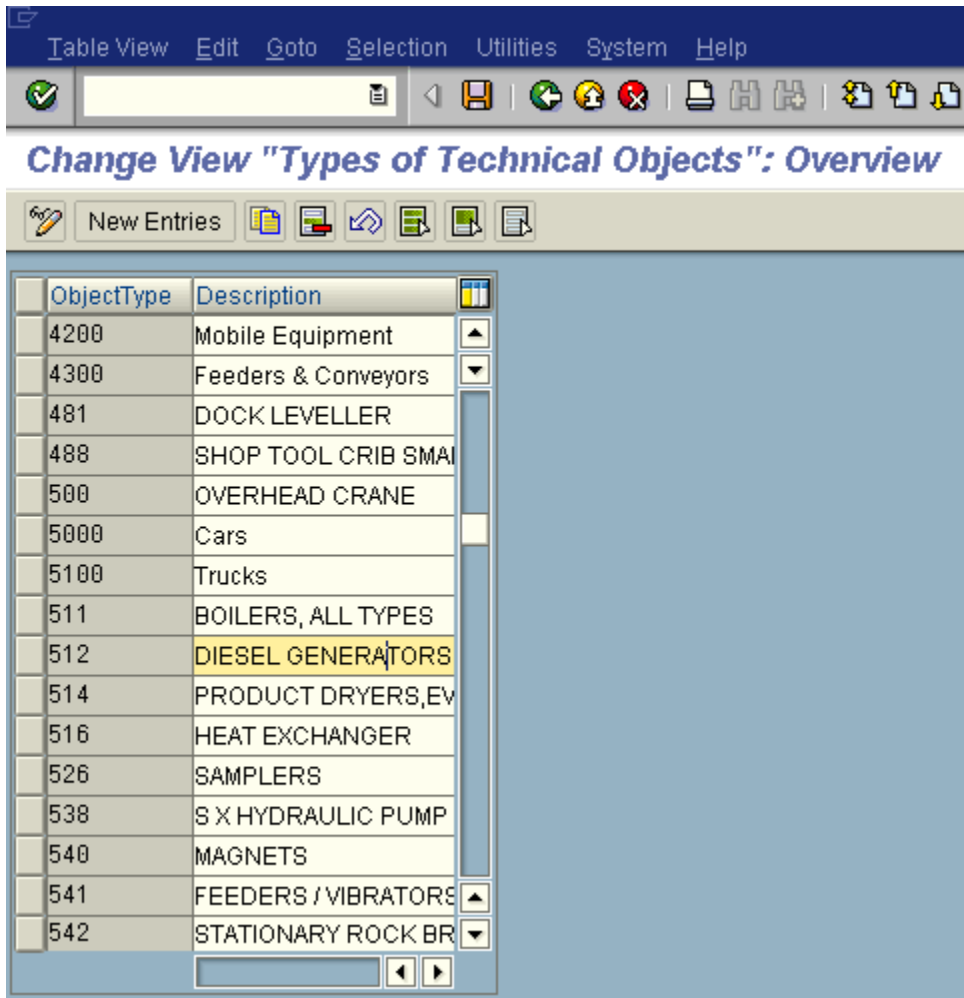
SCENARIO


Define technical object type.

INSTRUCTION



Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★General Data ★ Define Types of Technical Objects

Click 



Click  to create new technical object type

Maintain fields as explained below

Field Name	Value and Description of field
	Key identifying the object type. E.g. 512 to indicate Generator group.
	Description of the object type. E.g. Diesel Generators.

Click 

Click 

1.4 Define Plant Sections

BACKGROUND

This configuration setting enables to define the plant sections.

Plant section helps to subdivide the maintenance plant for production responsibility. Person responsible will coordinate between production and plant maintenance.

This can be used for evaluation purpose also.

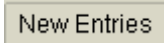
SCENARIO

Define plant sections for IND6.

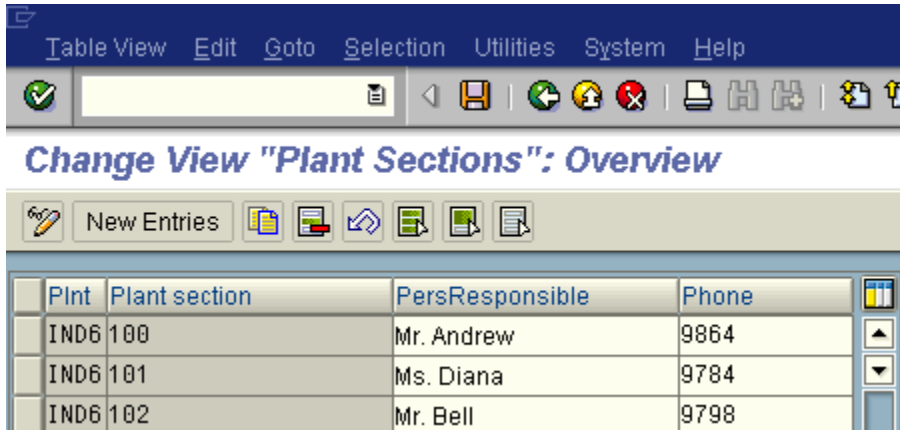
INSTRUCTION

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★General Data ★ Define Plant Sections

Click 

Click 

Maintain the field as explained below



Maintain fields as explained below

Field Name	Value and Description of field
PInt	Key identifying plant. E.g. IND6
Plant section	Key identifying the plant section. E.g. 100
PersResponsible	Name of person responsible
Phone	Contact phone number

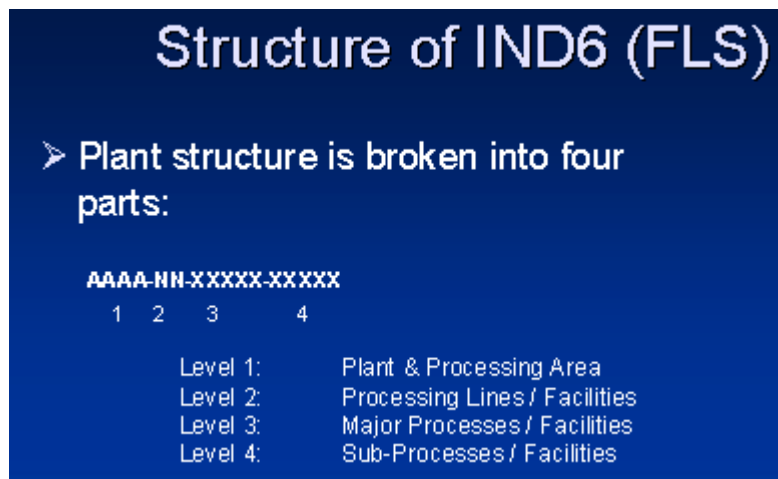
Click 

Click 

1.5 Create Structure indicator for Functional Location

BACKGROUND

This configuration setting enables to define the structure for functional location.



This structure helps to identify the functional location exactly.

SCENARIO

Create functional location structure for IND6 as above.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★ Functional Locations ★ Create Structure indicator for Reference Locations/Functional Locations

Click 

Click **New Entries** to create new entries.

Maintain fields as explained below

Field Name	Value and Description of field
StrIndicator	Key identifying the structure indicator. E.g. IND6
StructIndText	Structure text. E.g. Structure for IND6.
Edit mask ***	Enter the way the functional locations is to be structure. E.g. AAAAA-NN-XXXXX-XXXXX
HierLevels hierarchy level ***	Hierarchy level to indicate the number of hierarchies. 1 2 3 4

*** - Edit mask field indicates the allowed type of character to be created during functional location creation.

Allowed letters and signs are given below for ready reference.

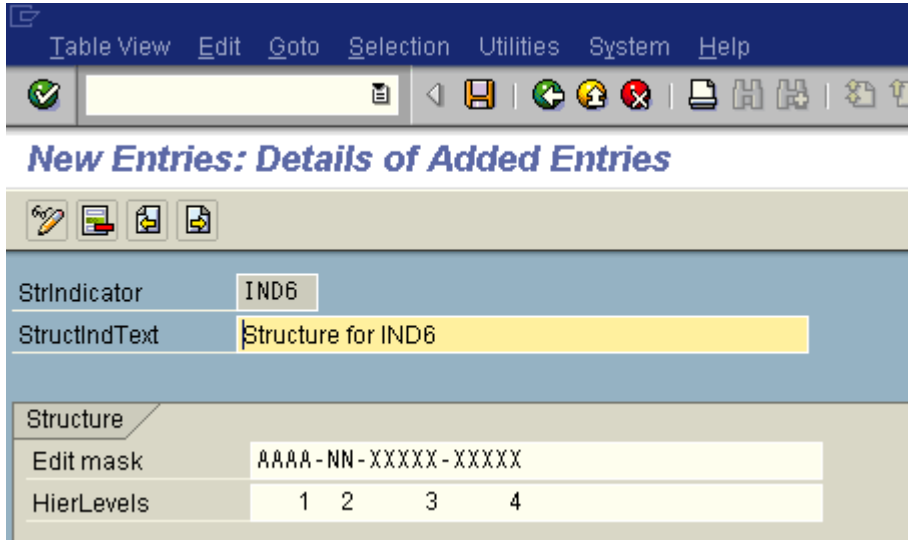
- "A" only letters can be entered
 - "N" only numbers can be entered
 - "X" both numbers and letters can be entered
 - "S" numbers, letters, and special characters can be entered
- The following special characters are allowed:
& () + , . / : ; < = >

The following signs can be used:


- Hyphen
- / slash
- ' ' blank
- . Period
- _ Underscore
- = equals sign
- + Plus sign
- ; Semicolon
- : Colon

*** - Hierarchy level indicates the number of hierarchy. Each number must be entered at the end of first level as shown

above. Numbers from 0 to 9 can be used for this. Level 10 is represented by the figure 0, level 11 by the figure 1, and so on.

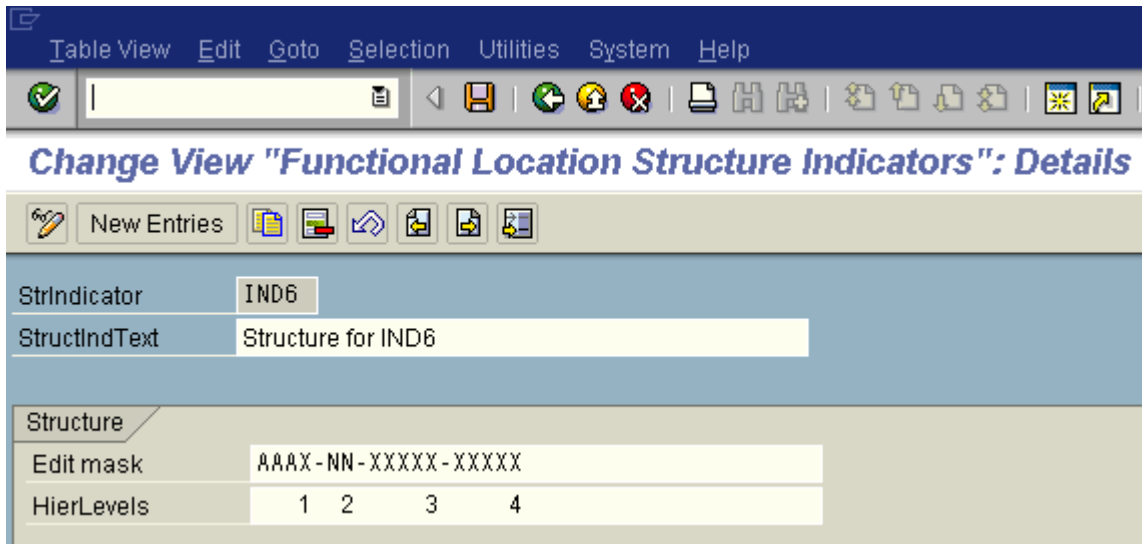


Click 

Click 

Impact of this configuration in Master Data / Transaction

When creating functional location structure, it will be created as per the structure setting maintained here.



Select the right structure indicator before creating functional location.

1.6 Define Category of Functional Location

BACKGROUND

This configuration setting enables to define the functional location category.

Functional Location category contains

- ⊙ Status profile
- ⊙ Partner determination procedure
- ⊙ Default value for measuring point
- ⊙ Field selection
- ⊙ Permit change document
- ⊙ Object info key

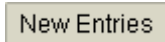
SCENARIO

Discuss functional location category.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★ Functional Locations ★ Define category of Functional Locations

Click 

Click  to create new entries.

Maintain fields as explained below

Field Name	Value and Description of field
FuncLocCat	Key identifying the functional

	location category. E.g. M										
Description	Enter description of functional location category.										
<input checked="" type="checkbox"/> ChangeDocuments	Tick in this check box will document the change document in the master record.										
<input type="checkbox"/> CustObject	Tick in this check box will identify the functional location category as customer object.										
<input checked="" type="checkbox"/> Other data	Tick in this check box will provide other data screen when maintaining technical objects.										
<table border="1"> <tr> <td>Status profile</td> <td></td> </tr> <tr> <td>PartnDet.Proc.</td> <td>PM</td> </tr> <tr> <td>Object info</td> <td>PM</td> </tr> <tr> <td>MeasPtCategory</td> <td></td> </tr> <tr> <td>View profile</td> <td>SFL</td> </tr> </table>	Status profile		PartnDet.Proc.	PM	Object info	PM	MeasPtCategory		View profile	SFL	Respective profile, object info, view profiles are maintained here.
Status profile											
PartnDet.Proc.	PM										
Object info	PM										
MeasPtCategory											
View profile	SFL										

Click 

Click 

Impact of this configuration in Master Data / Transaction

When creating functional location structure, functional location category defined here will be used.

FuncLocation	IND6-01-PTS01-MAC01
Edit mask	AAAA-NN-XXXXX-XXXXX
HierLevels	1 2 3 4
Labeling system	A Standard labelling
StrIndicator	IND6 Structure for IND6
FuncLocCat.	M Technical system - standard

1.7 Define Field selection for functional Location

BACKGROUND

This configuration setting enables to define the functional location field selection.

Through this configuration setting it is possible to make a field mandatory, optional, hide or view only.

It is required to make certain field to make mandatory according to the business requirement.

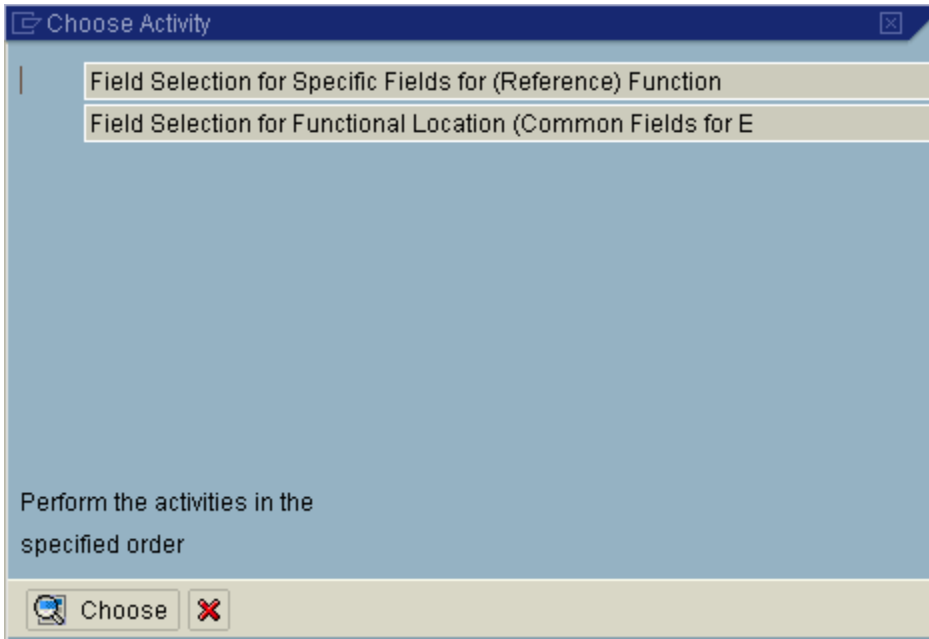
SCENARIO

Make Manufacturer field as mandatory for functional location category M

INSTRUCTIONS

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★ Functional Locations
★ Define field selection for Functional Locations

Click 



Double click **Field Selection for Functional Location (Common Fields for E**

Identify the manufacturer field as shown below

Field Selection: Modifiable Fields

Modified Influencing Screen groups Influences

Screen group Data for technical objects

Modifiable fields							
Modifiable field	Field name	Input	Req.	Disp.	Hide	HiLi	
ManufactPartNo.	ITOB-MAPAR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	▲
Manufacturer	ITOB-HERST	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	▼
Model number	ITOB-TYPBZ	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Planner group	ITOB-INGRP	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Planning plant	ITOB-IWERK	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Plant for WorkCenter	ITOBATTR-WERGW	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Plant section	ITOB-BEBER	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Room	ITOB-MSGRP	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Sales Group	ITOB-VKGRP	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Sales Office	ITOB-VKBUR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Sales Organization	ITOB-VKORG	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Settlement order	ITOB-AUFNR	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	

Double click on Manufacturer field

Field Selection: Modified Field

New values ... Delete value Influencing Modifiable Screen groups Influencing

Screen group Data for technical objects
Modifiable field Manufacturer

Influencing fields

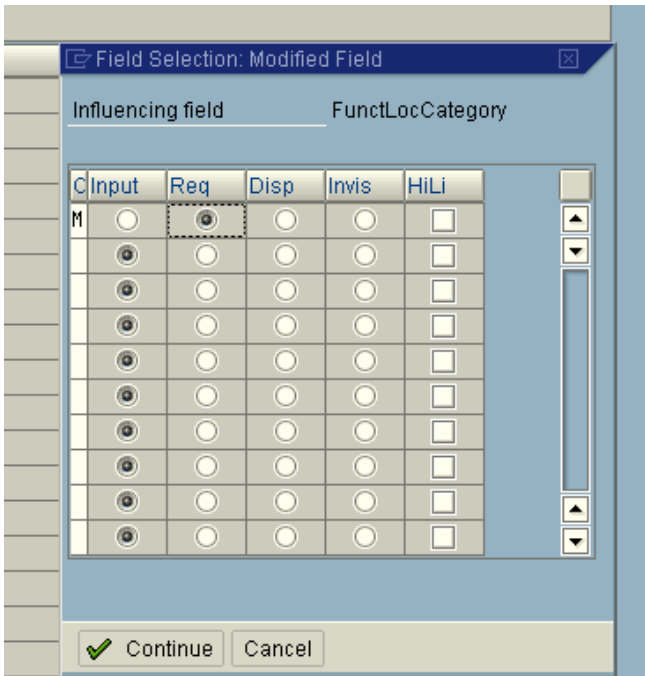
Influencing field	Contents	Input	Req.	Disp.	Hide	HiLi	
Activity category		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	▲
EquipRefCateg.		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	▼
Equipment category		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
<u>FunctLocCategory</u>		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
PMTOB type		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	
Technical obj. type		<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	


Click on **FunctLocCategory**

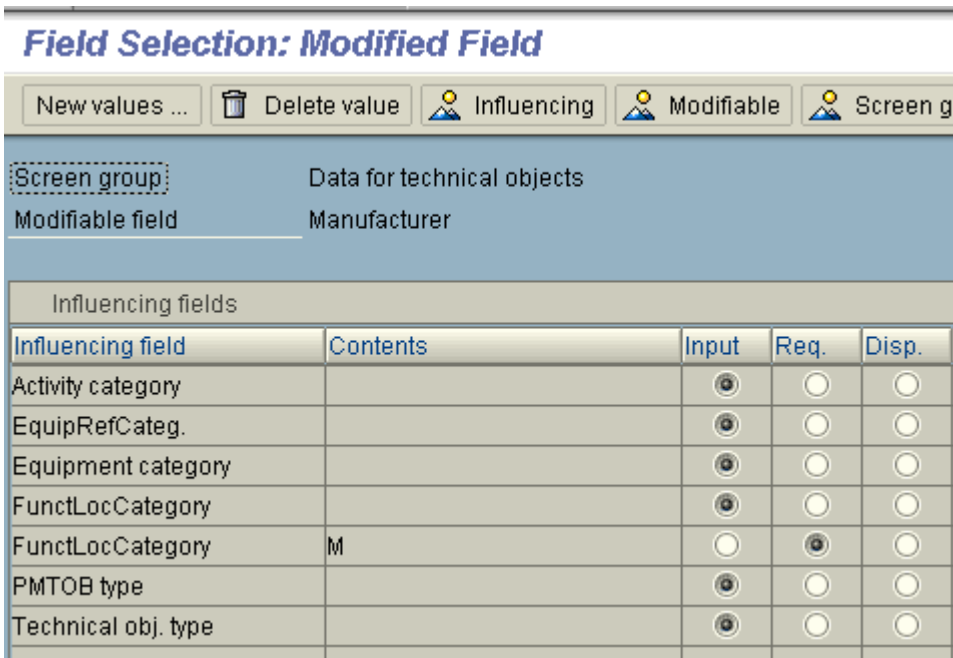
Click **New values ...**

Enter the functional location category as “M”

select **Req.** radio button



Click  Continue to create new entries.



Click 

Impact of this configuration in Master Data / Transaction

When creating functional location with category M, manufacturer field become mandatory.

Funct. Location	IND6-01-PTS01-MAC99
Description	
Status	CRTE

General	Location	Organization	Structure
---------	----------	--------------	-----------

General data	
Class	
Object type	
AuthorizGroup	
Weight	
Inventory no.	

Reference data	
AcquistnValue	

Manufacturer data	
Manufacturer	<input checked="" type="checkbox"/>
Model number	
ManufPartNo.	

1.8 Assign user status to equipment category

BACKGROUND

This configuration setting enables to assign the user defined status to an equipment category.

User status can be used to assign specific status to a equipment and to control further business transaction.

SCENARIO

Discuss assigning user defined status to equipment category.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master data in Plant maintenance and customer service ★ Technical object ★ Equipment ★ Assign user status profile to Equipment category.

Click 

Assign the user status profile  against equipment category.

Table View Edit Goto Selection Utilities System Help

Change View "Status Profile for Equipment": Overview

	Equipment category description	StatProf	Text
A	Machines	1002	Service equipment
B	Machines with Serial Number		
C	RFID Equipment with Serial Num	IT0000002	IT Equipment Status
D	DSD vehicle		
F	Equipment/Assets	MINE	Mining Equipment
H	Medical Devices		
I	IT-Equipments	IT0000002	IT Equipment Status
M	Machines	1000	Equipment
N	Mining Equipment	MINE	Mining Equipment
P	Production resources/tools	1000	Equipment
Q	Test/measurement equipment	1000	Equipment
S	Customer equipment	1002	Service equipment
T	TTC Rolling Stock		
W	Equipment as Tools	ZPRT	Profile for tools
X	MES Equipment	ZMES01	Equipment
Y	IND6 Machines		
Z		PMSTAT	

Click 

Click 

1.9 Define Measuring point categories

BACKGROUND

This configuration setting enables to define the measuring point categories.

Measuring point categories are mandatory requirement for measuring point.

It defines the following:


- Measurement item uniqueness
- Use of catalog type to enter readings
- System response control when reading exceeds the range
- Tolerance time allowed for entering the reading in future

SCENARIO

Discuss measuring point category setting.

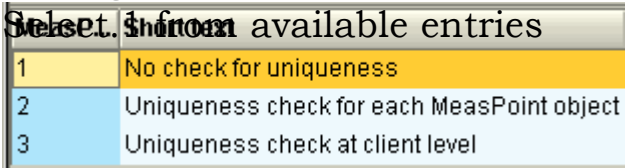
INSTRUCTIONS

Follow the Menu Path: IMG★Plant maintenance and customer service★ Master Data in Plant maintenance and customer service ★ Basic settings ★ Measuring point, counters and measurement document ★ Define Measuring Point categories

Click 

Click 

Maintain fields as explained below

Field Name	Value and Description of field
MeasPtCategory	Key identifying the measuring point category. E.g. G
Description	Description of measuring point category. E.g. IND6 measuring point category
MeasPosUniqnss	Uniqueness of the measurement position of this measuring point category. This measurement category may be used in many places, if the measurement positions required to be unique, it can be achieved thro this setting. 
Catalog type	Allowed catalog type for entering values. E.g. C. Select from available entry.
MeasRge message	Type of message when the measurement reading is out of range.
TolPeriod (sec)	E.g. W for warning message. Tolerance period in seconds to record the measurement reading. It is difficult to enter the reading exactly at the exact SAP time i.e

measuring point.

E.g. 300 to indicate five minutes.

Click 

Click 



Impact of this configuration in Master Data / Transaction

When creating a measuring point inside the technical object, measurement category must be maintained.

The screenshot shows the SAP 'Maintain Measuring Points: Overview' interface. The menu bar includes 'Measuring points', 'Edit', 'Goto', 'Extras', 'Environment', 'System', and 'Help'. The title bar reads 'Maintain Measuring Points: Overview'. Below the title bar are buttons for 'Maintenance plans' and 'Measurement documents', along with a 'Last meas' button. The main area displays the following data:

Equipment	PP - PUMP02
Description	Pump 150-200 GPM

Measuring points

MeasPoint	Measurement position	Cat	Char. Name	V	Counter
<input type="checkbox"/> 11461	2	6	C200	<input type="checkbox"/>	<input type="checkbox"/>

2. Master Data Configuration

2.1 Define BOM Status

BACKGROUND

This configuration setting enables to define BOM status.

BOM status is used to define whether the BOM can be used by any application area or not.

Example: -

- ⦿ In the costing areas in a company, the BOM is exploded according to the application. While defining the BOM status, usage in costing area will be defined.
- ⦿ In MRP, the following indicators are checked directly from the definition of the BOM status:
 - Explosion in MRP
 - Released for orders

MRP only reads BOMs whose BOM status has at least one of these indicators.

BOM status defines whether the BOM is active or inactive.

SCENARIO

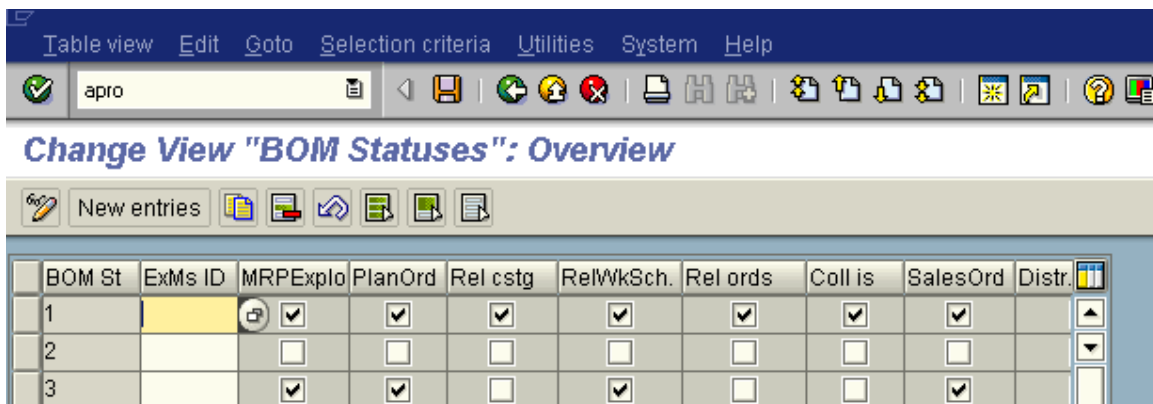
BOM need to be created for certain for product whose BOM can be finalized only after some trial and error.

While it is in preparation it is required not to be used by any application. Status “In preparation” has to be created.

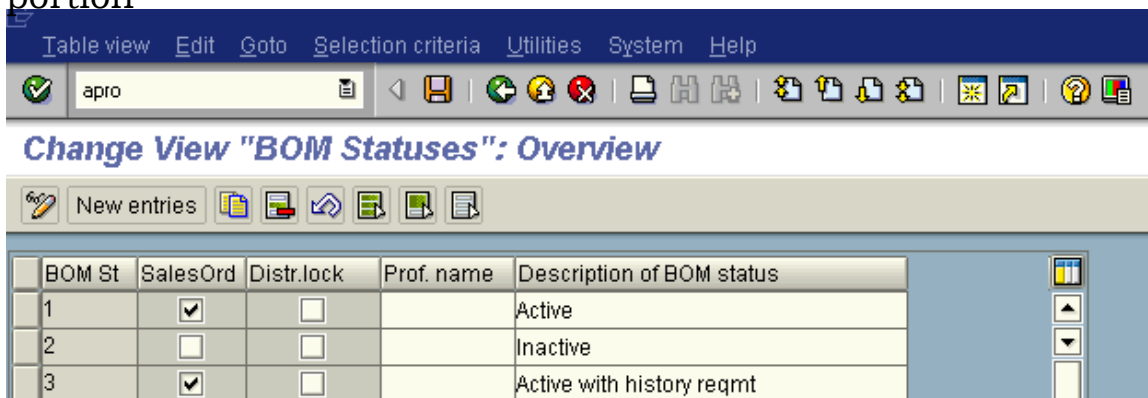
INSTRUCTIONS

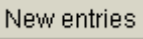
Follow the Menu Path: IMG★Plant Maintenance and customer services★ Master data in plant maintenance and customer service ★Bills of materials★ Control data for Bills of Material ★Define BOM status

1. Click 



.....continuation of the above screen's right side balance portion



2. Click 

3. Enter usage value. E.g. 6.

4. Leave all the check box as EMPTY.

5. Mention description as “In preparation”

6. Click Save .

Impact of this configuration in Master Data / Transaction

BOM with status 6 can not be used for any application.

2.2 Define BOM Usage

BACKGROUND

This configuration setting enables to define Bill Of Material (BOM) usage.

BOM usage defines the usage of BOM in specific application area in the SAP.

Example, there can be a separate BOMs for

- ⊙ Design,
- ⊙ Production
- ⊙ Costing.

In this way, each area is dealing only with the specific data it requires.

Example:

- ⊙ The design BOM includes all the components of the product and their technical data from the design point of view. This BOM is generally not linked to any order.
- ⊙ The production BOM contains all the items required from the production and assembly point of view. Only items relevant to production, for which production data (such as the issue storage location) can be entered, are required. A production BOM does not contain any packaging materials required in the shipping department.

SCENARIO

Create new BOM usage.

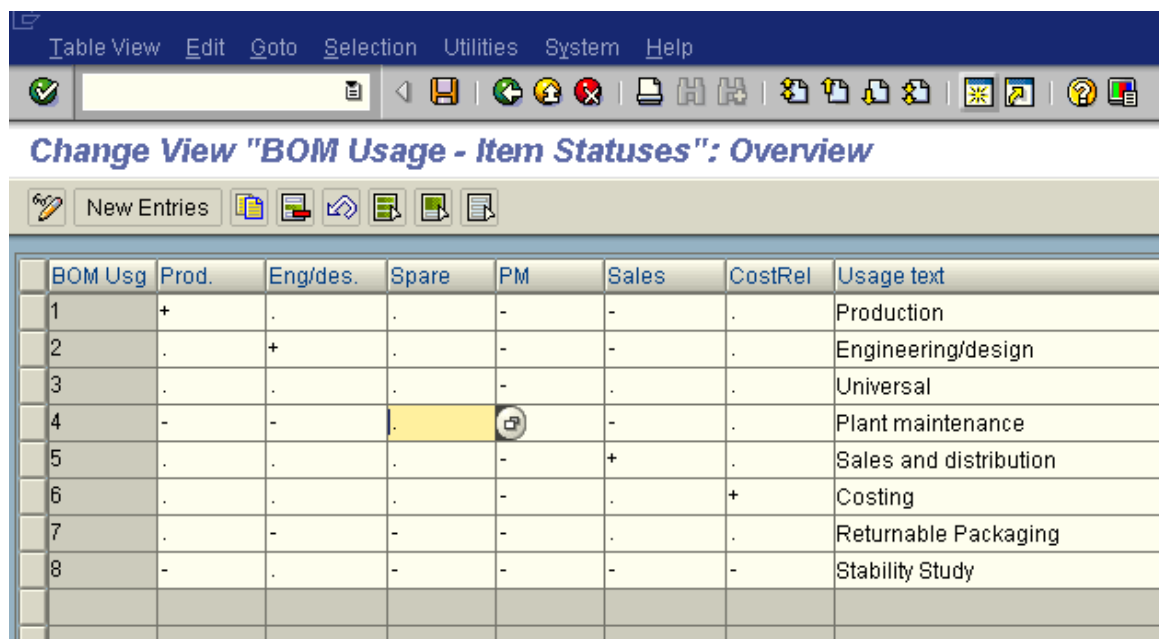
Note:-

Standard BOM usage available with SAP is sufficient. However any new BOM usage can be created.


INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Master data in plant maintenance and customer service ★Bills of materials★ General Data ★ BOM Usage ★ Define BOM usages

1. Click 



The screenshot shows the SAP interface for 'Change View "BOM Usage - Item Statuses": Overview'. The table below lists various BOM usage types with their corresponding codes and descriptions.

BOM Usg	Prod.	Eng/des.	Spare	PM	Sales	CostRel	Usage text
1	+	.	.	-	-	.	Production
2	.	+	.	-	-	.	Engineering/design
3	.	.	.	-	.	.	Universal
4	-	-	.		-	.	Plant maintenance
5	.	.	.	-	+	.	Sales and distribution
6	.	.	.	-	.	+	Costing
7	.	-	-	-	.	.	Returnable Packaging
8	-	.	-	-	-	-	Stability Study

2. Click 

3. Enter usage value; it can be either numeric or alphabet.
It is suggested to be numeric.

4. Select +, - or . to indicate to which area this BOM is meant for like Production, Engineering, Spare, Plant Maintenance, Sales or for costing relevancy.

E.g. For usage 4, spare parts indicator is maintained as optional (.).

Note:-Based on this, during BOM explosion, entire dependent requirements are also planned,


5. Enter Usage text

6. Click Save 

Impact of this configuration in Master Data / Transaction

When creating the BOM, key defined here will appear in the BOM Usage field.

According to the requirement, BOM usage key has to be selected during BOM Creation.

Click Match code  or F4 in BOM usage field, to select the desired BOM usage.

Transaction code to create BOM is CS01

Create material BOM: Initial Screen

Create variant of...

Material

Plant ind6

BOM Usage

Alternative BOM

Effectivity

Change Number

Valid From

Revision level

BOM Usage (3) 8 Entries Found 8 Entries Found

Restrictions

Usage	Prod.	Eng/des.	PM	Spare	CostRel	Sales	Usage text
1	+	-	Production
2	.	+	.	.	.	-	Engineering/design
3	Universal
4	-	.	+	.	.	-	Plant maintenance
5	+	Sales and distribution
6	+	.	Costing
7	Returnable Packaging
8	-	-	Stability Study

2.3 Define Default values for item status

BACKGROUND

This configuration setting enables to define default values for item status.

Every item in the BOM can be defined whether it is subjected to

Costing

Sales

Production

Spare part

This configuration setting is used to indicate whether the BOM component along with the BOM usage.

- ⊙ is to be considered for costing in this BOM or not,
- ⊙ is relevant to sales (normally used in Variant configuration),
- ⊙ is a spare part group
- ⊙ is related to Production

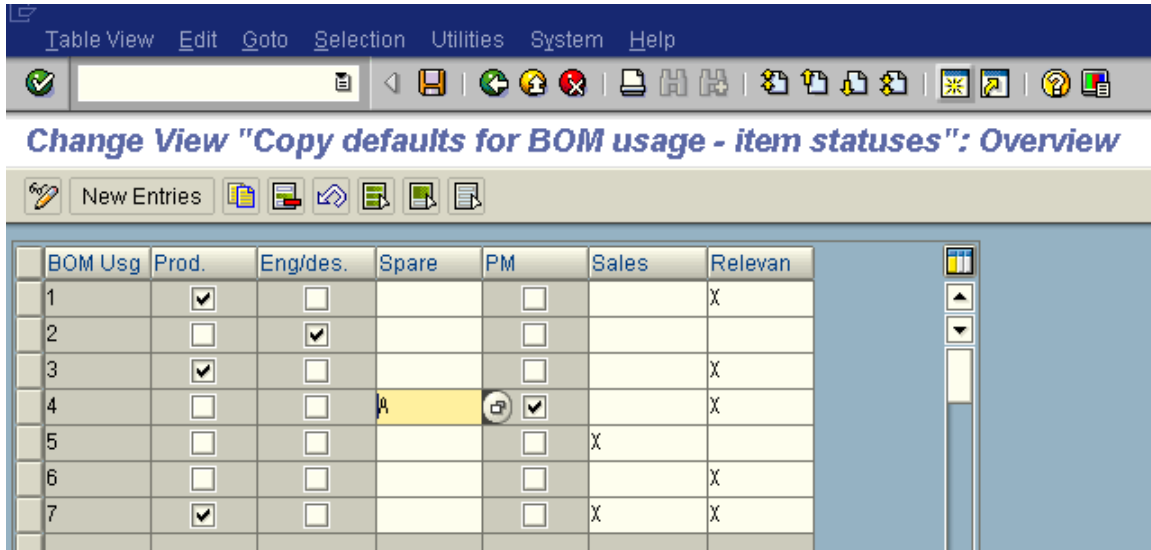
SCENARIO


Set the default value for items in BOM.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Master data in plant maintenance and customer service ★Bills of materials★ General Data ★ BOM Usage ★ Define Default values for item status

1. Click 



2. Click 

3. Enter Usage value

4. Update the following fields

Field Name	Description	Value
BOM usage	Field defining the BOM usage	Enter value e.g. 1
Prod	Indicating that the BOM item is related to Production	Make tick in the check box
Eng/des	Indicating that the BOM item is related to Engineering and Design	Leave blank.
Spare	Spare part indicator.	Enter A or B Items

	can be grouped under spare parts A group or group B. this will help in identifying spares for replacement by group A or group B	Leave blank
PM	Indicating that the BOM item is related to Plant Maintenance	
Sales	Indicating the item is related to Sales and it will appear in the sales order.	Leave blank. Normally used in variant configuration.
Relevant	Relevant to costing	Select X , indicating relevant to costing.

5. Click Save .

Impact of this configuration in Master Data / Transaction

Example:-

BOM usage defined 1 indicating relevant to production. The item status as configured such that all items

- Ⓐ are relevant to production
- Ⓑ can be relevant to costing

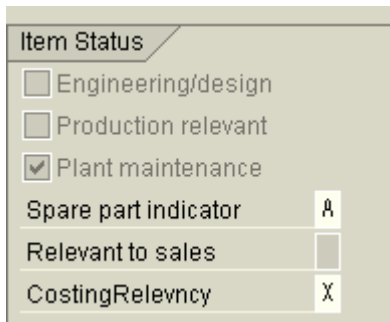
In this example, the indicators are checked as follows:

- Ⓐ The Indicator: item relevant to production cannot be deselected (required entry). In the BOM maintenance

functions, this indicator is set automatically for all items and cannot be cancelled.

Since the item can be relevant to costing, the default value X (fully relevant to costing) can be set for the Indicator for relevance to costing. This value can be overwritten in the BOM maintenance functions.

BOM item level default setting will appear as per the setting done here.



The screenshot shows the 'Item Status' configuration window. It contains several checkboxes and indicator fields:

Item Status	
<input type="checkbox"/> Engineering/design	
<input type="checkbox"/> Production relevant	
<input checked="" type="checkbox"/> Plant maintenance	
Spare part indicator	A
Relevant to sales	
CostingRelevncy	X

Note:- when creating BOM the usage 4 is mentioned, which in turn identify this BOM as Plant maintenance BOM. Also indicate item as spare part indicator group A.

This is used while exploding the BOM for spare parts planning.

2.4 Define Field Selection for Work center

BACKGROUND

This configuration setting enables to make the field in work center master data as

Mandatory

Optional

Highlight

Hide

Field selection will be used to make certain field as mandatory entry or to hide certain fields during creation of work center master data.

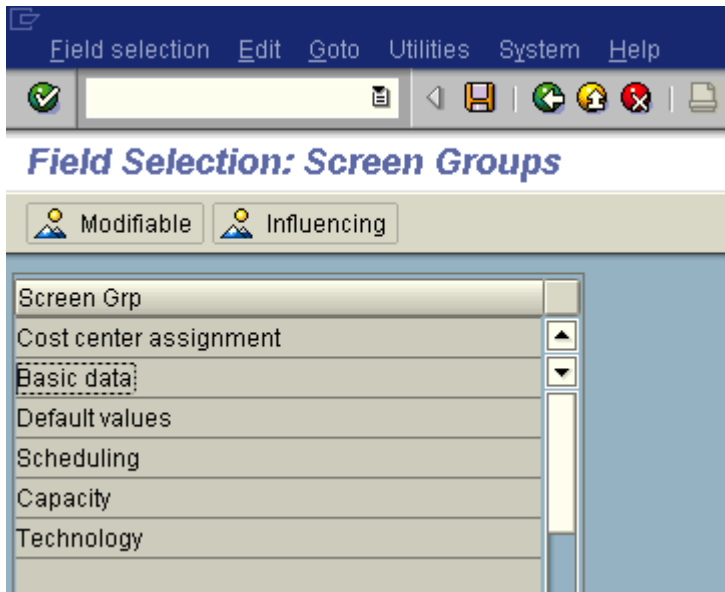
SCENARIO

Make field person responsible for work center category ZPM1 as mandatory field.

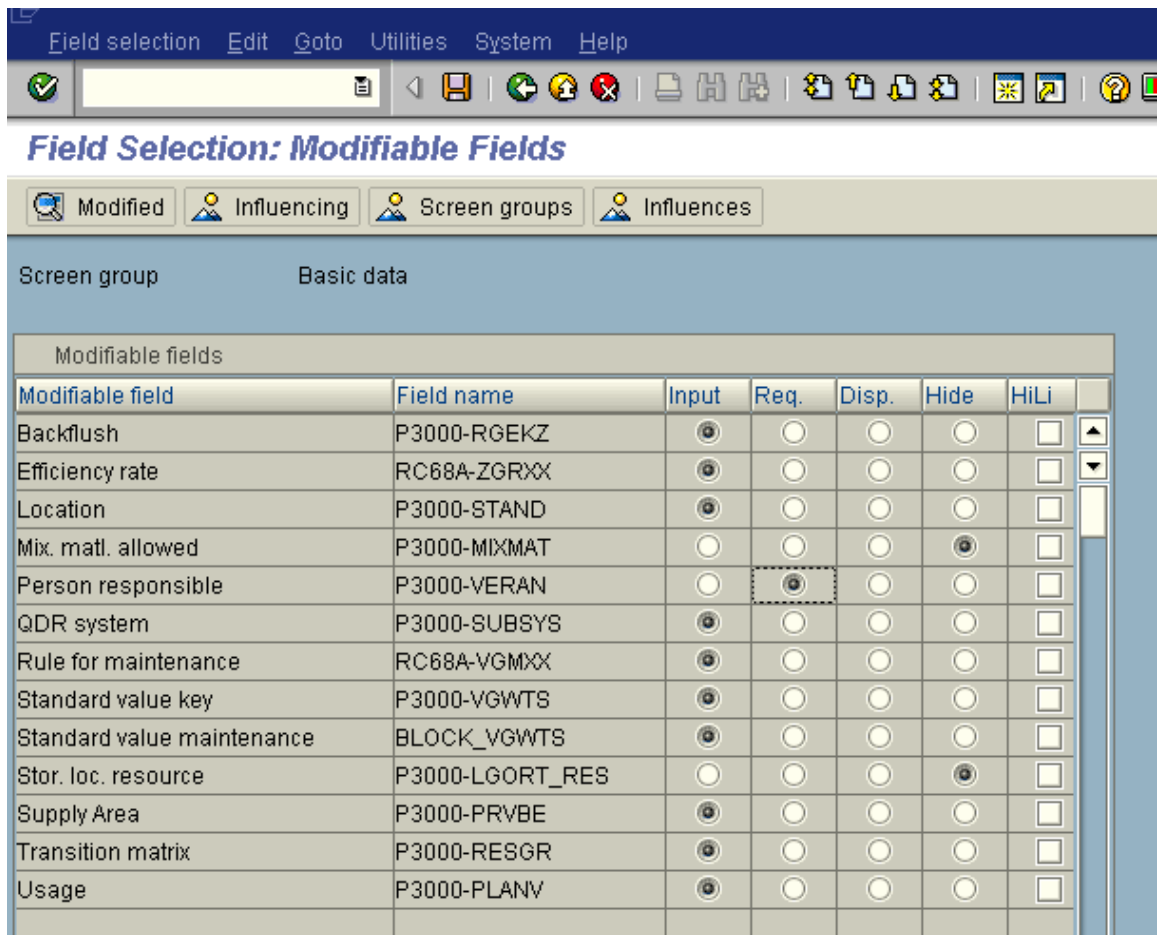
INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, work centers, Task lists and PRTs ★ Work Centers ★ General Data ★ Define Field Selection

Click 

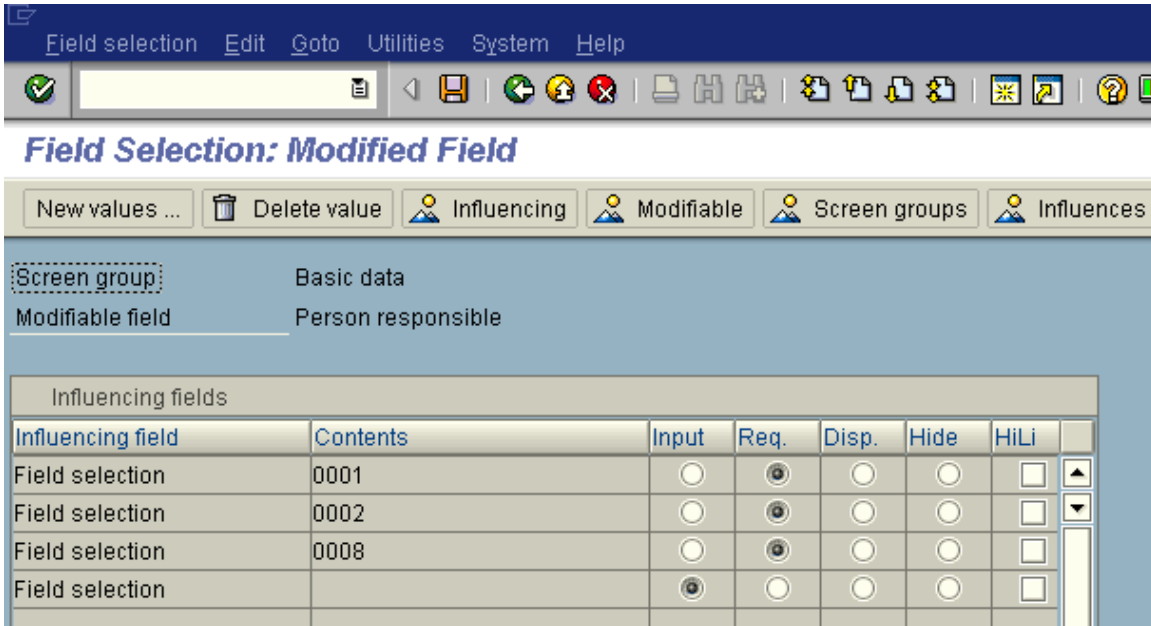


Double click Basic data



Select Req. radio button against

Double click Person responsible

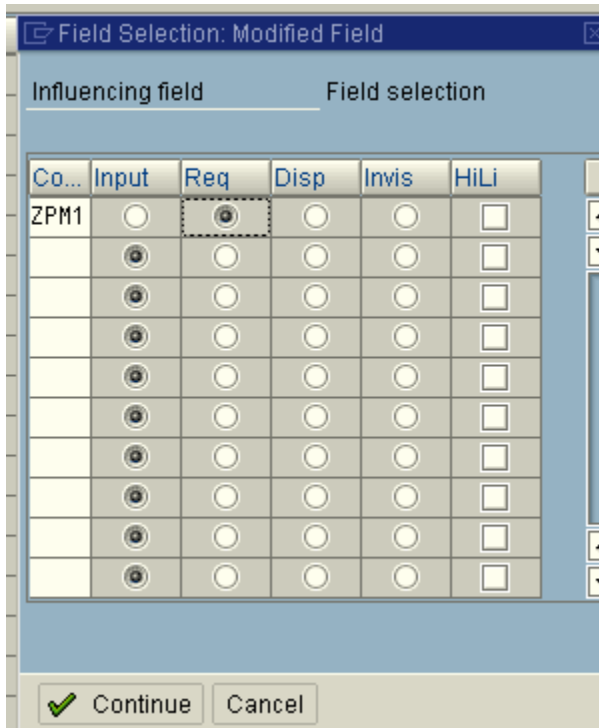


Click Field selection Req. radio button for the required work center category. Contents column indicate the work center category.

click on to modify field selection for new work center category.

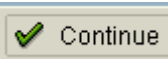
Click If the desired work center category is not available. E.g. ZPM1 category is not available.

Click to add more entry.



Enter content ZPM1 or any work center category.

Click radio button Req. 

Click 

Click 

Impact of this configuration in Master Data / Transaction

When work center with category ZPM1 is created, person responsible field become mandatory.



Change Work Center: Basic Data



HR assignment



Hierarchy

Copy from...

Plant

IND6

ABCLtd

Work center

TEST1

esting

Basic data

Default values

Capacities

Scheduling

General data

Work center cat.

ZPM1

PM Machine WC

Person responsible



Location

QDR system

Supply Area

2.5 Set Parameters

BACKGROUND

This configuration setting enables to define Parameter (activities) for formula.

Parameter is one of the required settings to calculate the conversion cost incurred in the Work center during manufacturing.

Work center while in use can consume

- Power
- Labour
- Setup time
- Depreciation
- Steam etc.

The above costs incurred during conversion will be captured through the activity. Parameter is the structure to capture this activity.


This will be assigned to the standard value key. Standard value key will be assigned in the work center.

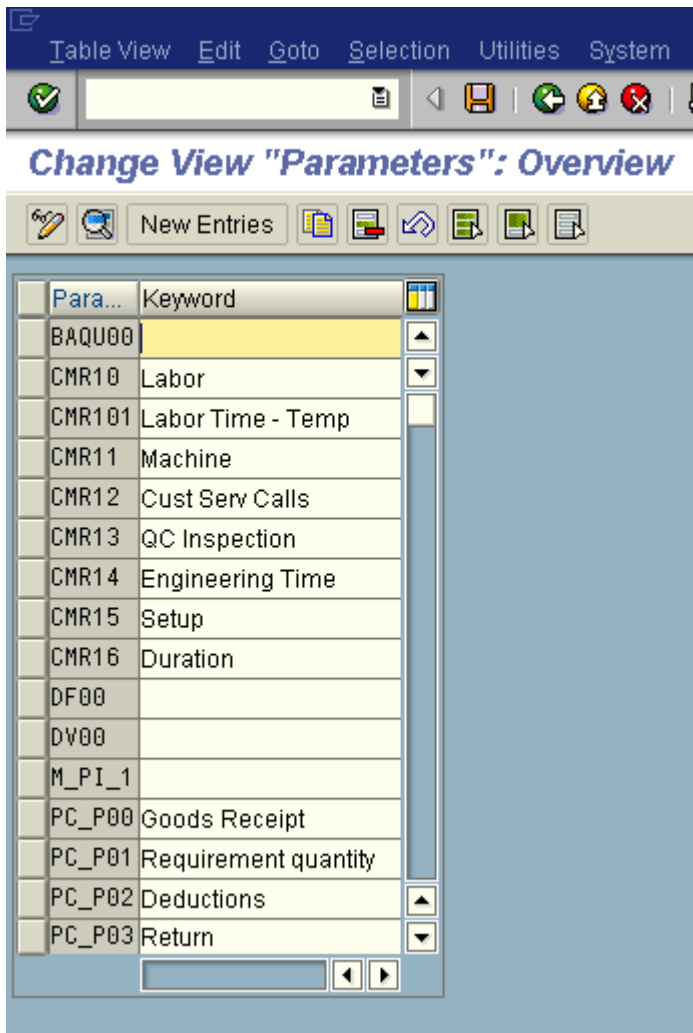
SCENARIO

Create a Parameter. Note: - Standard SAP setting is sufficient. Let us discuss the creation of new parameter.

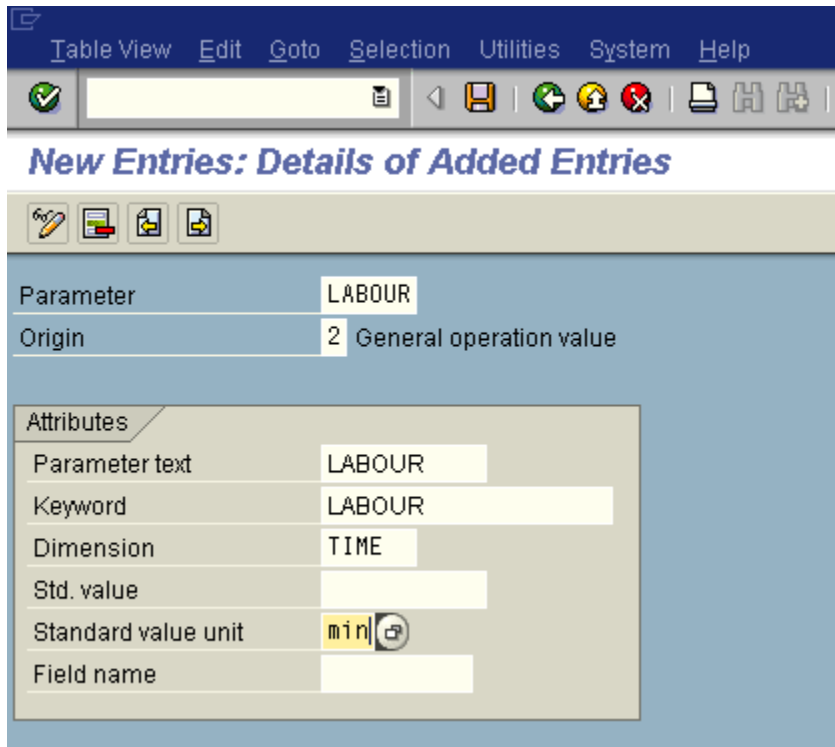
INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, work centers, Task lists and PRTs ★ Work Centers ★ General Data ★ Set Parameters

Click 



Click **New entries**



Maintain the Following fields

Field	Description
Parameter	Parameter to hold the value. Any alphanumeric six digit may be entered. E.g. LABOUR
Origin	Place where from the value is to be taken. E.g. To indicate value to be taken from task list maintain 2 in this field.
Short key word	Short description
Key work	Key word to identify
Dimension	Dimension of the parameter. E.g. Any thing related to Duration may have TIME as dimension.
Standard Value Unit	Unit of this parameter. E.g. Time dimension may have unit as MIN.

Note: - If any parameter for which there is no unit, it may be mentioned as no unit.

Click Save .

Impact of this configuration in Master Data / Transaction

Link between the parameter and the master data is as below.

- a. This parameter will be assigned to the standard value key.
- b. Standard value key will be attached with the work center.
- c. Work center will be attached in the task list. I.e. in the routing or in the master recipe.
- d. Standard value (i.e. duration of labor hours required) will be maintained in the task list as a master data.

2.6 Define Standard value keys

BACKGROUND

This configuration setting enables to define the standard value key.

Standard value key is very essential to capture the cost incurred in the work center.

Standard value key will contain the activities. One standard value key can contain up to six activities. Each activity refers to the cost.

Example:-

- Production cost
- Set up cost
- Labour cost
- Quality Cost
- Power cost
- Steam cost

One work center can have only one standard value key.

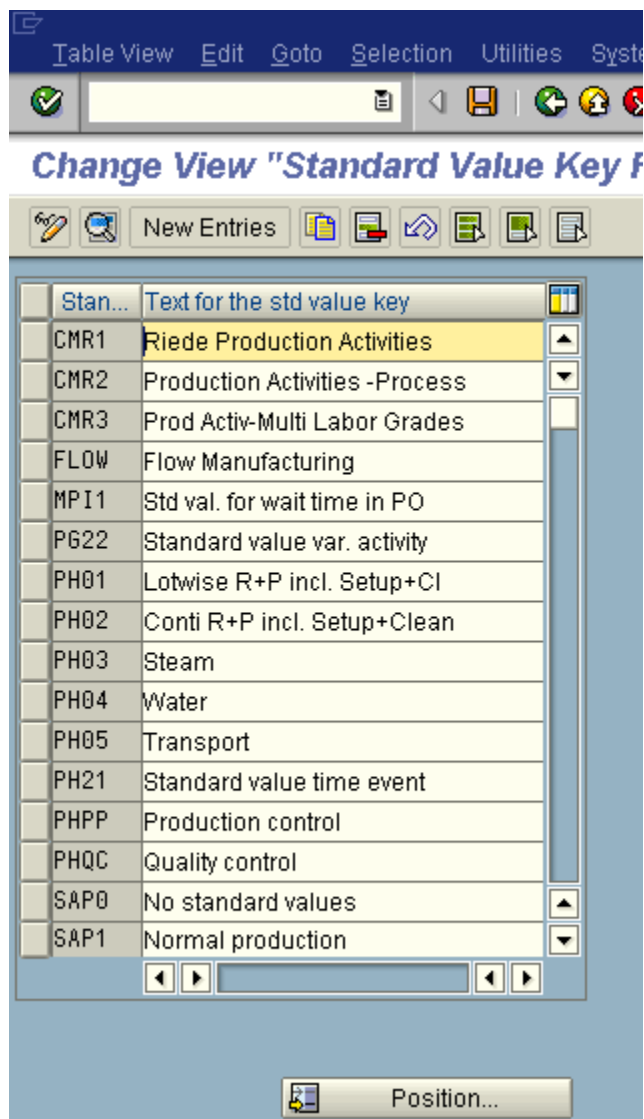
SCENARIO

Create a standard value key to have the activities of setup, machine, labor, steam and water.

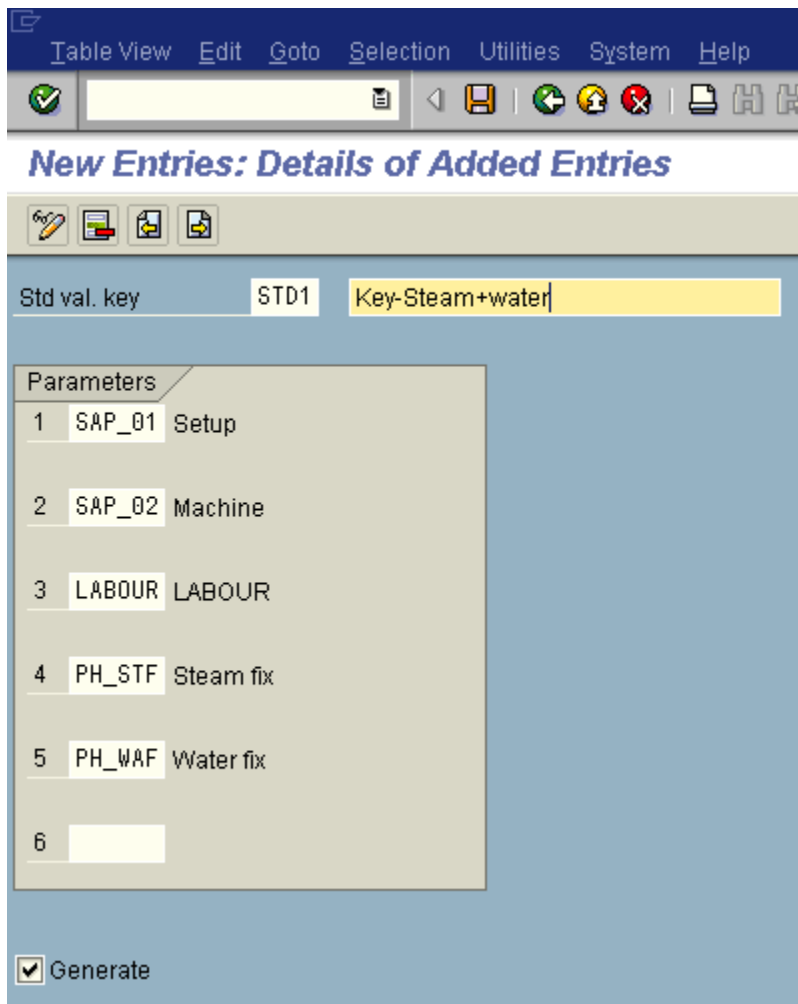
INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, work centers, Task lists and PRTs ★ Work Centers ★ General Data ★ Define standard value keys

Click 



Click **New entries**



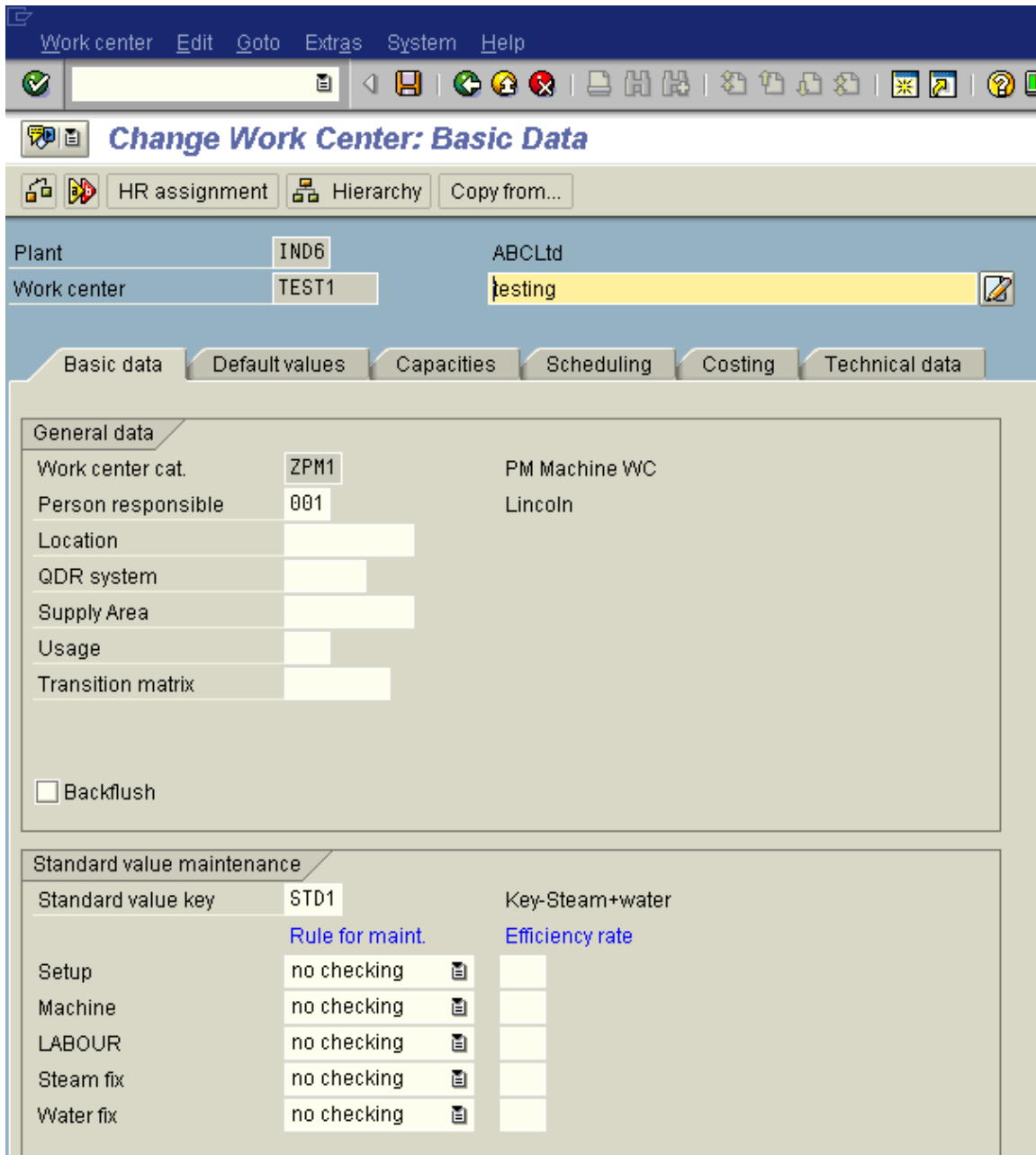
Maintain the Following fields

Field	Description
Standard value key	Enter any alpha numeric to indicate standard value key. E.g. STD1
Description	Maintain standard value key description. E.g. setup/machine/labor/Power
Parameter	Maintain the parameters. Up to six parameters can be maintained.
<input checked="" type="checkbox"/> Generate	Tick this check box to generate formula.

Click Save .

Impact of this configuration in Master Data / Transaction

When creating the work center, standard value key STD1 to be mentioned.



The screenshot shows the SAP 'Change Work Center: Basic Data' dialog box. The title bar includes 'Work center', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. The main area displays the following information:

Plant: IND6, ABCLtd
Work center: TEST1, testing






Navigation tabs: Basic data, Default values, Capacities, Scheduling, Costing, Technical data

General data

Work center cat.	ZPM1	PM Machine WC
Person responsible	001	Lincoln
Location		
QDR system		
Supply Area		
Usage		
Transition matrix		

Backflush

Standard value maintenance

Standard value key	STD1	Key-Steam+water
	Rule for maint.	Efficiency rate
Setup	no checking 	
Machine	no checking 	
LABOUR	no checking 	
Steam fix	no checking 	
Water fix	no checking 	

2.7 Define Task List usage keys

BACKGROUND

This configuration setting enables to define the task list usage to the work center.

Usage of work center to the specific task list (i.e. only in the maintenance task list) can be defined to restrict its usage.

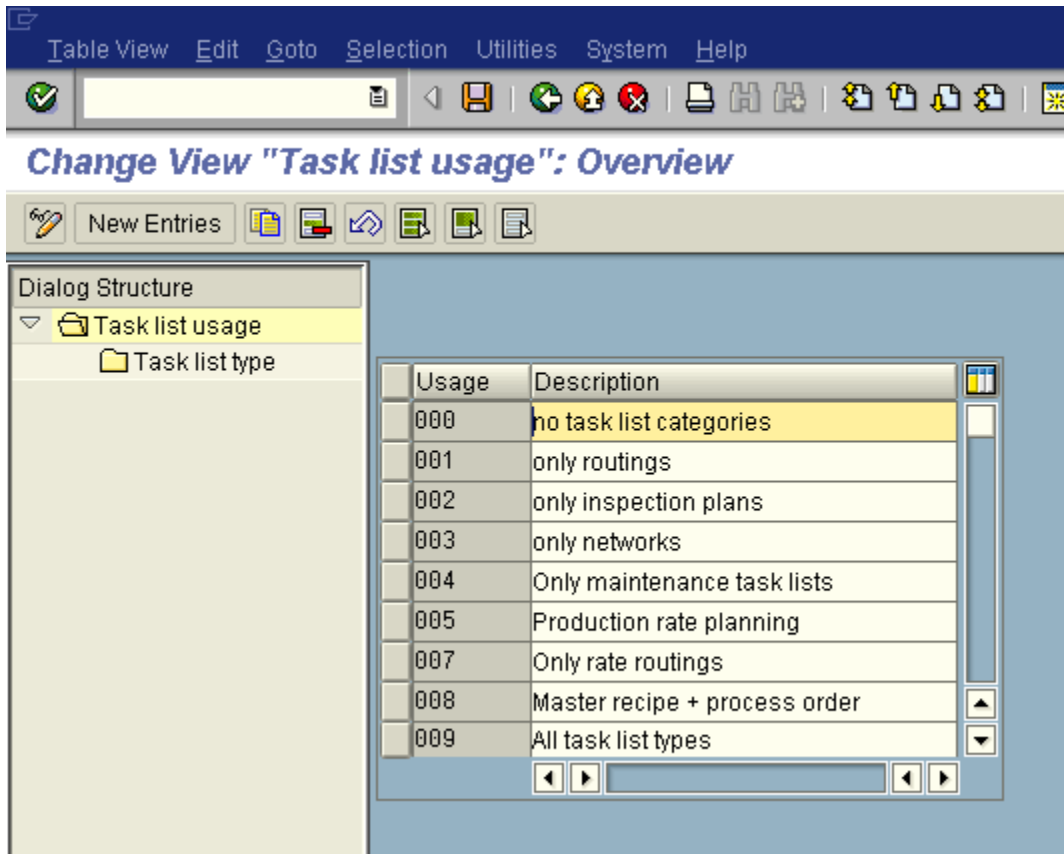
SCENARIO

Define the work center usage to the specific task list types.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, work centers, Task lists and PRTs ★ Work Centers ★ Task list Data ★ Define task list usage keys.

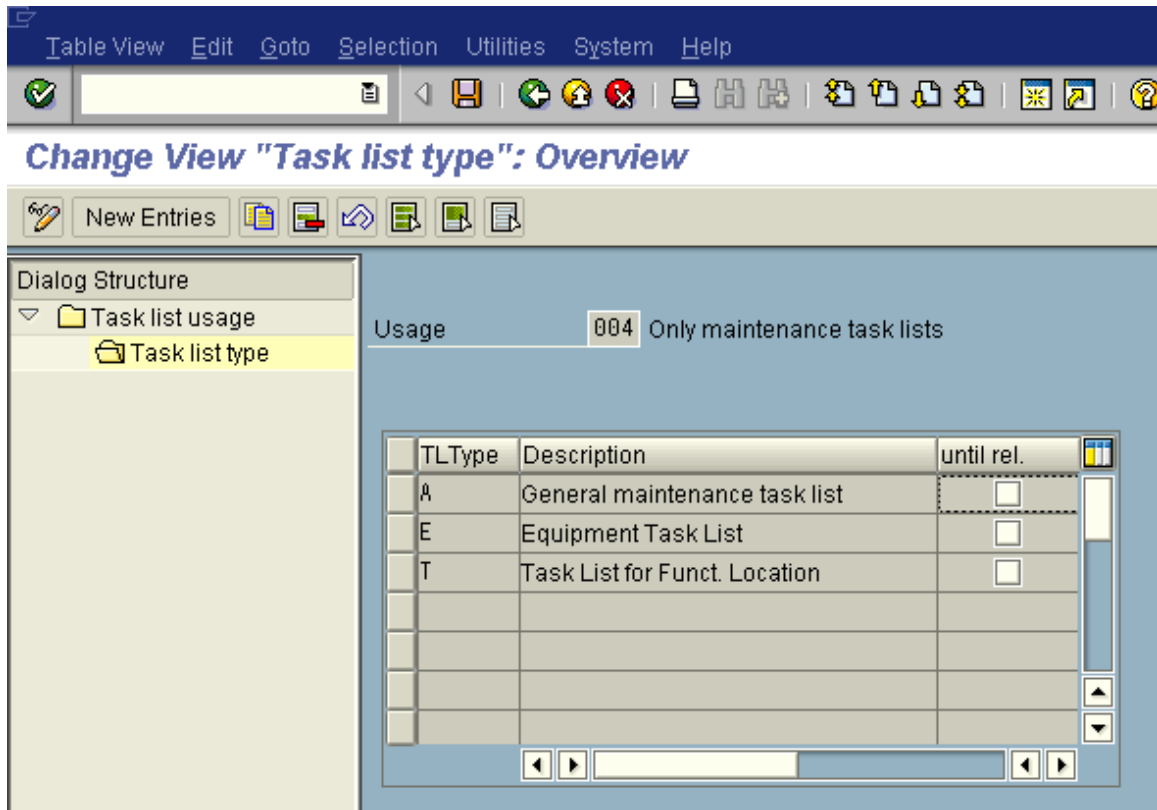
Click 



Select Only maintenance task lists

Double click Task list type

Click



Update the Following fields

Field


Task List type

Description

A for General maintenance task list

E – Equipment task list

T – functional location task list

Click Save .

Impact of this configuration in Master Data / Transaction

When creating Work center usage is to be mentioned as 004.

Once this is maintained, then it will not be possible to use this Work center in Master Recipe or in Rate routing.

2.8 Maintain Control keys

BACKGROUND

This configuration setting enables to define control key.

Control key governs

- Scheduling of operation
- Cost calculation for an operation
- Capacity calculation for an operation
- Confirmation for an operation

Control key is mapped with the work center in the task list (i.e. in the routing and in the master recipe).

SCENARIO

Create a control key with confirmation as mandatory and it should calculate the cost and capacity, it should also schedule the operation.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, work centers, Task lists and PRTs ★Work Centers ★ Task list Data ★ Define control keys.

Click 

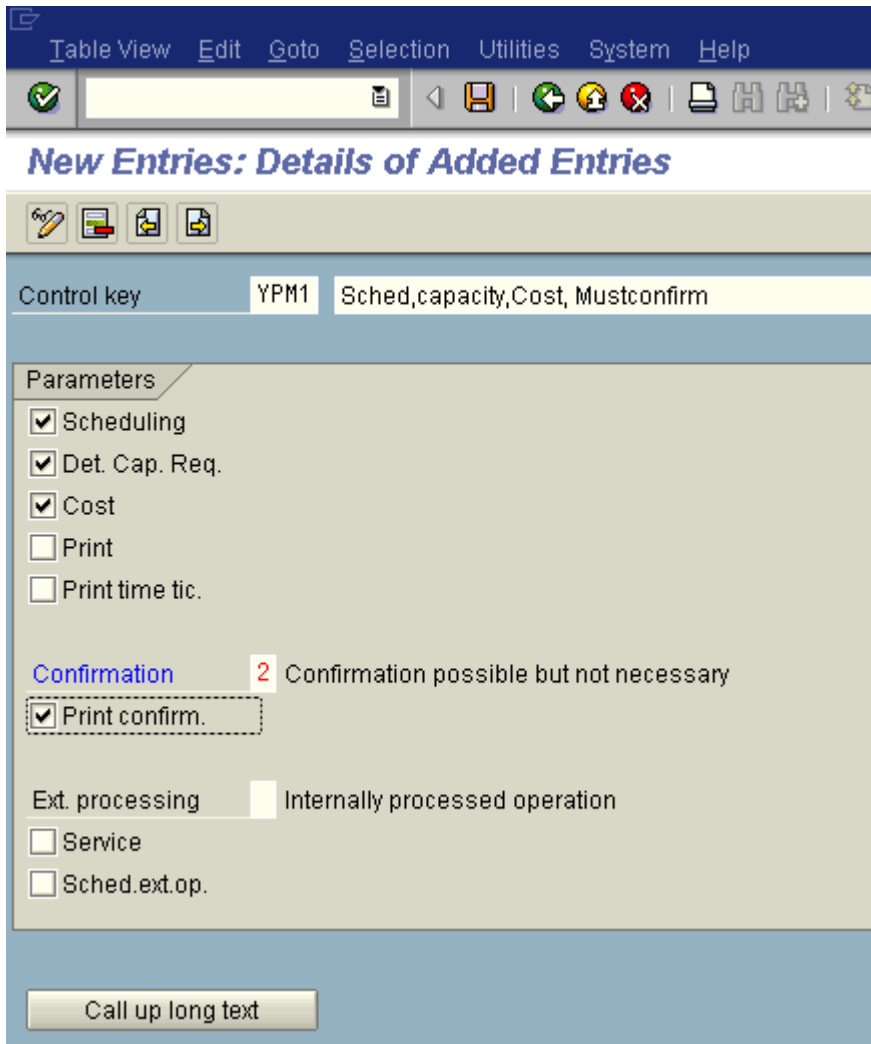
Table View Edit Goto Selection Utilities System Help

Change View "Control Keys for Operations": Overview

New Entries

Ctrl	Control key description
MPI1	
PD01	Shift planning - internal processing
PH00	PH IDES-MES: Dummy
PI01	Master recipe/process order
PI02	Master recipe/process order with QM
PI03	Recipe/process order; milestone conf.
PI04	Sched, Cap, AutoGdsRecpt, ConfReqd
PI05	Sched, Cap, AutoGdsRecpt, Costed, ConfReqd
PI06	Sched, Cap, Costed, ConfReqd
PI07	Master recipe/process order w/o conf
PI08	Sched, Cap, AutoGdsRecpt, Costed, MilestConf
PI11	Sched, Cap, Costed
PI12	Sched, Cap, QM, Costed
PI13	Sched, Cap, QM, Costed, MilestConf
PI14	
PM01	Plant maintenance - internal
PM02	Plant maintenance - external
PM03	Plant maintenance - external (services)
PM05	Plant maintenance - internal (service)
PM08	
PP01	In-house production
PP02	External processing

Click **New entries**



Maintain the Following fields

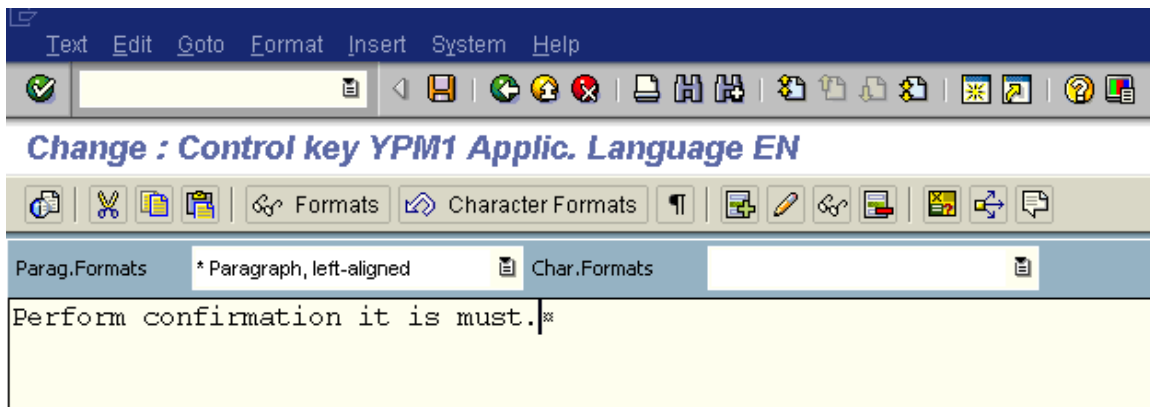
Field	Description
Control Key	Enter any alphanumeric four digit key. E.g. YPM1
Description	Maintain description of this control key. E.g. Sched,capacity,Cost, Mustconfirm
Indicators	Tick the check box as shown above in the screen. Tick in the Check box will perform the respective

function to the operation / phase which is having this control key.

Click Save .

Click  to maintain any long text to this control key.

Maintain the long text.



Click Save .

Click .

Click  if you get the Other language screen.

Click Save .

Impact of this configuration in Master Data / Transaction

Link between control key and Transaction:-

Control key is attached in the task list with work center for each operation

While performing order creation, confirmation, MRP run system will behave according to this configuration setting.

2.9 Define Serial Number Profile

BACKGROUND

This configuration setting enables to define the Serial number profile.

Serial number profile must be assigned to material which is to be handled with serial number. It is a plant level assignment. It is possible to assign different profile in different plants.

Serial number profile controls

- Assignment of serial numbers

- Requirement of serial number to equipment type

- System control on stock validation

- Serial number proposal with equipment category

SCENARIO

Create Serial number profile for IND6 plant application

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Master Data in Plant maintenance and customer service ★ Technical objects ★ Serial number management ★ Define serial number profiles

Click 

Click 

Maintain the following fields

Field	Description of field and value
-------	--------------------------------

<input type="text" value="Prof."/>	Key identifying the serial number profile. E.g. IND6				
<input type="text" value="Profile text"/>	Text for serial number profile. E.g. Equipment Sl.No.IND6				
<input type="checkbox" value="ExistReq."/>	Tick in this check box will make serial number mandatory before performing the transaction. If it is not ticked, serial number can be assigned later. E.g. Tick this check box for our example purpose.				
<input type="text" value="Cat"/>	Equipmentcategory to which the serial number assignment must be proposed. If not specified, serial number from internal number range will be assigned automatically. E.g. Y to pop up the serial number for equipment category with Y.				
<input type="text" value="StkCk"/>	Stock validation. Leave it blank. Available entries are <table border="1"> <tr> <td>1</td> <td>Inconsistencies in stock data -> Warning</td> </tr> <tr> <td>2</td> <td>Inconsistencies in stock data -> Error</td> </tr> </table>	1	Inconsistencies in stock data -> Warning	2	Inconsistencies in stock data -> Error
1	Inconsistencies in stock data -> Warning				
2	Inconsistencies in stock data -> Error				

Click 

Select the above created row

Prof.	Profile text	ExistReq.	Cat	Equipment category de...	StkCk
IND6	Equipment Sl.No.IND6	<input checked="" type="checkbox"/>	Y	IND6 Machines	
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			

Double click Serializing procedure in the left side of the screen

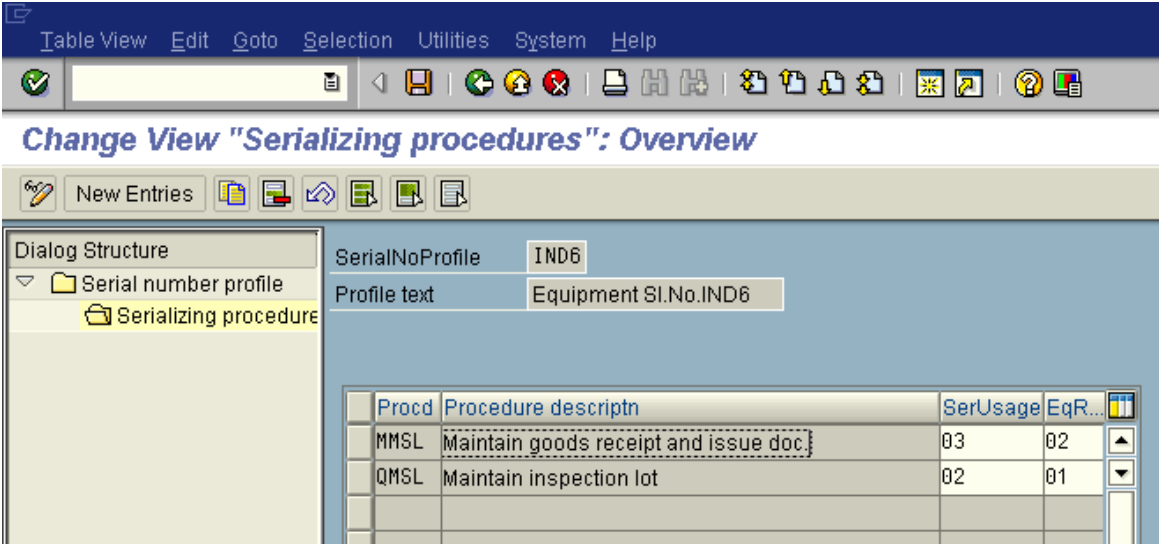
Click


Maintain the following fields

Field name	Field description and value																								
<p>Procd</p>	<p>Serial number assignment procedure. I.e indicating the business transaction at which the serial number is to be assigned. Available entries are</p> <table border="1" data-bbox="824 590 1344 1052"> <thead> <tr> <th>Procd</th> <th>ProcdDesc.</th> </tr> </thead> <tbody> <tr> <td>HUSL</td> <td>Maintain handling unit</td> </tr> <tr> <td>MMSL</td> <td>Maintain goods receipt and issue doc.</td> </tr> <tr> <td>PPAU</td> <td>Serial numbers in PP order</td> </tr> <tr> <td>PPRL</td> <td>PP order release</td> </tr> <tr> <td>PPSF</td> <td>Serial nos in repetitive manufacturing</td> </tr> <tr> <td>QMSL</td> <td>Maintain inspection lot</td> </tr> <tr> <td>SDAU</td> <td>Serial numbers in SD order</td> </tr> <tr> <td>SDCC</td> <td>Completeness check for delivery</td> </tr> <tr> <td>SDCR</td> <td>Completion check IR delivery</td> </tr> <tr> <td>SDLS</td> <td>Maintain delivery</td> </tr> <tr> <td>SDRE</td> <td>Maintain returns delivery</td> </tr> </tbody> </table> <p>Select QMSL – to maintain the serial number when</p>	Procd	ProcdDesc.	HUSL	Maintain handling unit	MMSL	Maintain goods receipt and issue doc.	PPAU	Serial numbers in PP order	PPRL	PP order release	PPSF	Serial nos in repetitive manufacturing	QMSL	Maintain inspection lot	SDAU	Serial numbers in SD order	SDCC	Completeness check for delivery	SDCR	Completion check IR delivery	SDLS	Maintain delivery	SDRE	Maintain returns delivery
Procd	ProcdDesc.																								
HUSL	Maintain handling unit																								
MMSL	Maintain goods receipt and issue doc.																								
PPAU	Serial numbers in PP order																								
PPRL	PP order release																								
PPSF	Serial nos in repetitive manufacturing																								
QMSL	Maintain inspection lot																								
SDAU	Serial numbers in SD order																								
SDCC	Completeness check for delivery																								
SDCR	Completion check IR delivery																								
SDLS	Maintain delivery																								
SDRE	Maintain returns delivery																								
<p>SerUsage</p>	<p>performing inspection for equipment. Indicating the assignment of serial number as mandatory, optional. Available entries are</p> <table border="1" data-bbox="824 1436 1190 1625"> <thead> <tr> <th>Serial number usa...</th> <th>Short text</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>None</td> </tr> <tr> <td>02</td> <td>Optional</td> </tr> <tr> <td>03</td> <td>Obligatory</td> </tr> <tr> <td>04</td> <td>Automatic</td> </tr> </tbody> </table>	Serial number usa...	Short text	01	None	02	Optional	03	Obligatory	04	Automatic														
Serial number usa...	Short text																								
01	None																								
02	Optional																								
03	Obligatory																								
04	Automatic																								
<p>EqR...</p>	<p>Let us select Optional. Assignment of serial number to equipment master record.</p> <table border="1" data-bbox="824 1780 1198 1898"> <thead> <tr> <th>Equi...</th> <th>Short text</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Proposal: w/o equipment</td> </tr> <tr> <td>02</td> <td>always with equipment</td> </tr> </tbody> </table>	Equi...	Short text	01	Proposal: w/o equipment	02	always with equipment																		
Equi...	Short text																								
01	Proposal: w/o equipment																								
02	always with equipment																								

01 – Serial number can be assigned later

02 – Serial must be assigned at the time of equipment creation.
Note: - This setting can NOT be changed later.



Click 

Click 

Impact of this configuration in Master Data / Transaction

Serial number profile defined here can be maintained in the material master storage 2 view.

Plant data / stor. 1		Plant data / stor. 2		Accounting 1		Accounting 2		
Material	IN6EQP002	Material for Equipment						
Plant	IND6	ABCLtd						
Stor. loc.	0006	PMSpares						
Weight/volume								
Gross weight		Weight unit						
Net weight								
Volume		Volume unit						
Size/dimensions								
General plant parameters								
<input type="checkbox"/> Neg. stocks in plant							Log. handling group	
Serial no. profile	IND6	SerLevel	1	Distr. profile				
Profit Center							Stock determ. group	

Also when making GR, serial number has to be assigned.

2.10 Define Serialization Attributes for Movement types

BACKGROUND

This configuration setting enables to define the Serial number attributes for movement type wise.

It is possible to define a different procedure to different movement types. By this, serial number assignment during goods movement can be controlled per movement type wise.

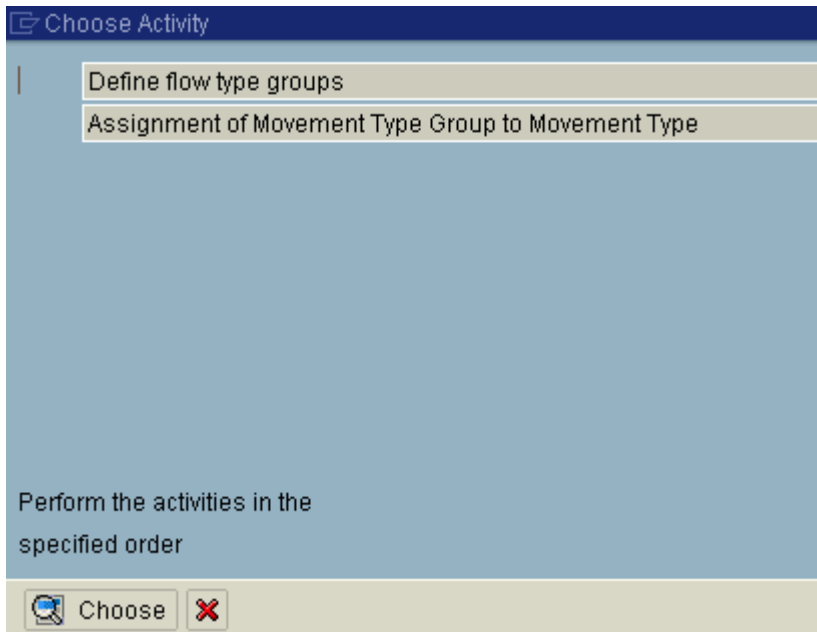
SCENARIO

Discuss serialization attributes for movement types

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Master Data in Plant maintenance and customer service ★ Technical objects ★ Serial number management ★ Define serialization Attributes for movement types

Click 



Double click **Define flow type groups**

Click **New Entries**

Maintain the following fields

Field name	Field description and value										
Prof.	Key identifying the profile already created. E.g. IND6										
Procd :	Procedure to be applicable. E.g. MMSL										
SNo-MovmntTyp.	Movement type group for serial number profile. Four digit key linking Profile, procedure and other control.										
SerUsage	Indicating the assignment of serial number as mandatory, optional. Available entries are <table border="1"> <thead> <tr> <th>Serial number usa...</th> <th>Short text</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>None</td> </tr> <tr> <td>02</td> <td>Optional</td> </tr> <tr> <td>03</td> <td>Obligatory</td> </tr> <tr> <td>04</td> <td>Automatic</td> </tr> </tbody> </table>	Serial number usa...	Short text	01	None	02	Optional	03	Obligatory	04	Automatic
Serial number usa...	Short text										
01	None										
02	Optional										
03	Obligatory										
04	Automatic										
EqR...	Let us select Optional.										

Assignment of serial number

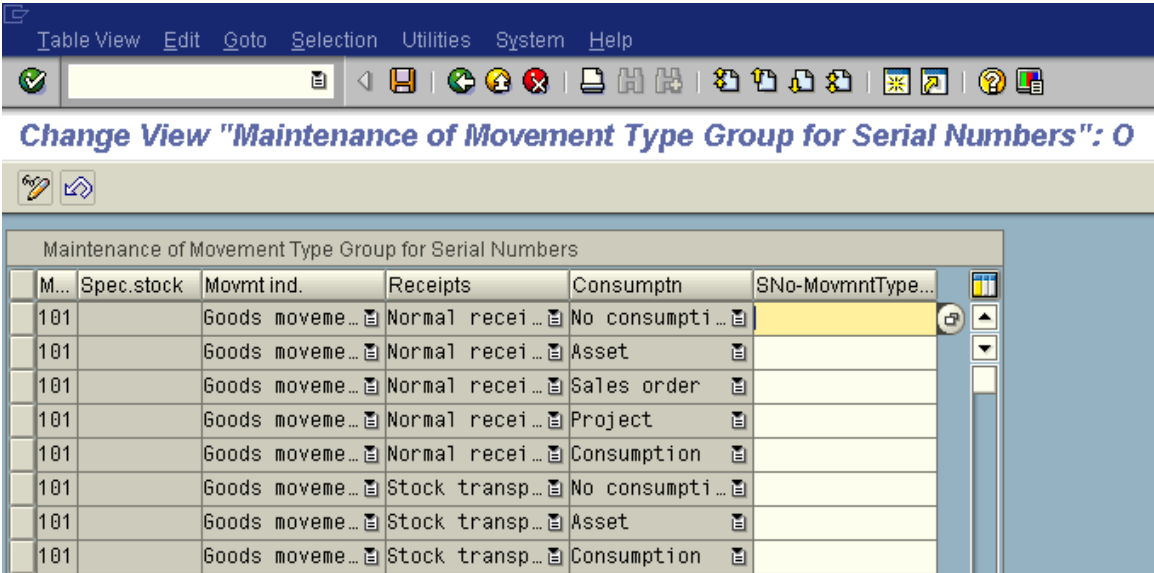
Equi...	Short text
01	Proposal: w/o equipment
02	always with equipment

01 – Serial number can be assigned later
 02 – Serial must be assigned at the time of equipment creation.
 Note: - This setting can NOT be changed later.

Click 

Click 

Double click **Assignment of Movement Type Group to Movement Type**



Assign the key mentioned under **SNo-MovmntType...** in the previous setting. E.g. key 561 maintained in the previous setting.

By this that procedure and serial number creation control will be more specific to movement type.

If for a specific movement type, if the serial number is to be optional it can be done through this settings.

Impact of this configuration in Master Data / Transaction

Serial number requirement for each movement type will be required according to the settings maintained here.

3. Maintenance Plan and Notification

3.1 Define Maintenance planner group

BACKGROUND

This configuration setting enables to define maintenance planner group.

Maintenance planning group can be a person or a department. It can be assigned to technical objects.

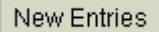
SCENARIO

Define planner group for IND6




INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, Work centers, Task Lists and PRTs ★ Basic Settings ★ Define maintenance planner group

Click 

Click 

Maintain the following fields

Field name	Field description and value
	Key identifying the planning plant. E.g. IND6
	Key identifying the planner group. E.g. IN6
	Person or department name.

	e.g. David to indicate name.
Telephone	Contact number can be entered if required for info purpose.

Click Save .

Impact of this configuration in Master Data / Transaction

Maintenance planner will be used in the transaction.

3.2 Set Maintenance Plan category

BACKGROUND

This configuration setting enables to define Maintenance Plan category.

Maintenance plan category defines which call object to be generated for a maintenance plan when maintenance call is due.

I.e. with reference to the maintenance plan, system can trigger the following call objects.

- Maintenance order
- Service order
- Maintenance order with maintenance notification
- Service order with service notification
- Maintenance order with WCM objects
- Maintenance notification
- Service notification
- Service entry sheet
- Inspection lot


Maintenance plan category defined can be assigned as a default to users using parameter id WAT.

SCENARIO

Define maintenance plan category.

INSTRUCTIONS


Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, Work centers, Task Lists and PRTs ★ Maintenance Plans ★ Set Maintenance Plan categories

Click 

Click

Field name	Field description and value
<input type="text" value="Maint. plan cat."/>	Key identifying the maintenance plan category. E.g. I6
<input type="text" value="Name"/>	Text defining the maintenance plan category. E.g. IND6 PM
<input type="text" value="Call object"/>	order call Select from the available entry. Available entries are <input type="text" value="Maintenance or service order"/> Service entry sheet Notification Inspection lot E.g. Select Maintenance or
<input type="text" value="Change d..."/>	service order. Tick in this check box will create change document. E.g.
<input type="text" value="Confirmat..."/>	Tick the check box. Confirmation for completing the call object. It can control scheduling of maintenance
<input type="text" value="Outl. agree..."/>	plan after completion. E.g. Tick this check box. Tick in this check box will enable to create maintenance
<input type="text" value="Ref. object"/>	plan with reference to outline agreement. Order category in which the reference object to be used. Select from available entries.

Repeat the above steps to create further maintenance plan categories.

Click 

Impact of this configuration in Master Data / Transaction

Maintenance plan categories defined here is used in maintenance plan.

3.3 Define Number Ranges for maintenance Plans

BACKGROUND

This configuration setting enables to define number range for maintenance plan.

Number range to the maintenance plan is assigned through the maintenance plan category.

Note: - Number ranges are assigned directly in the production system normally.

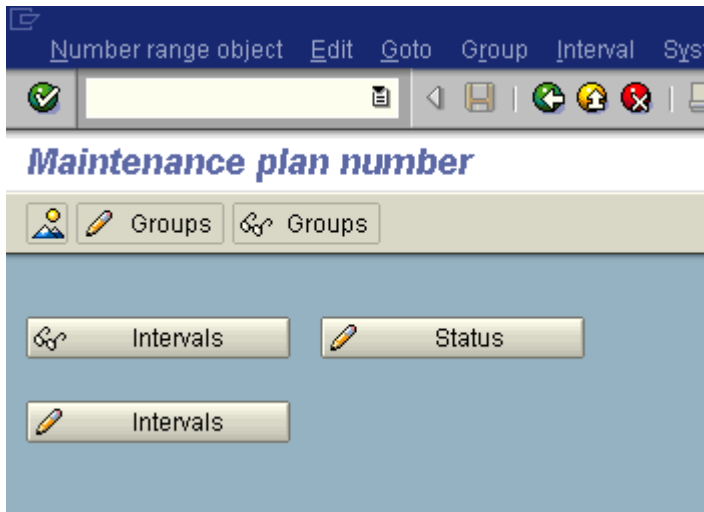
SCENARIO

Define number range for maintenance plan category I6.

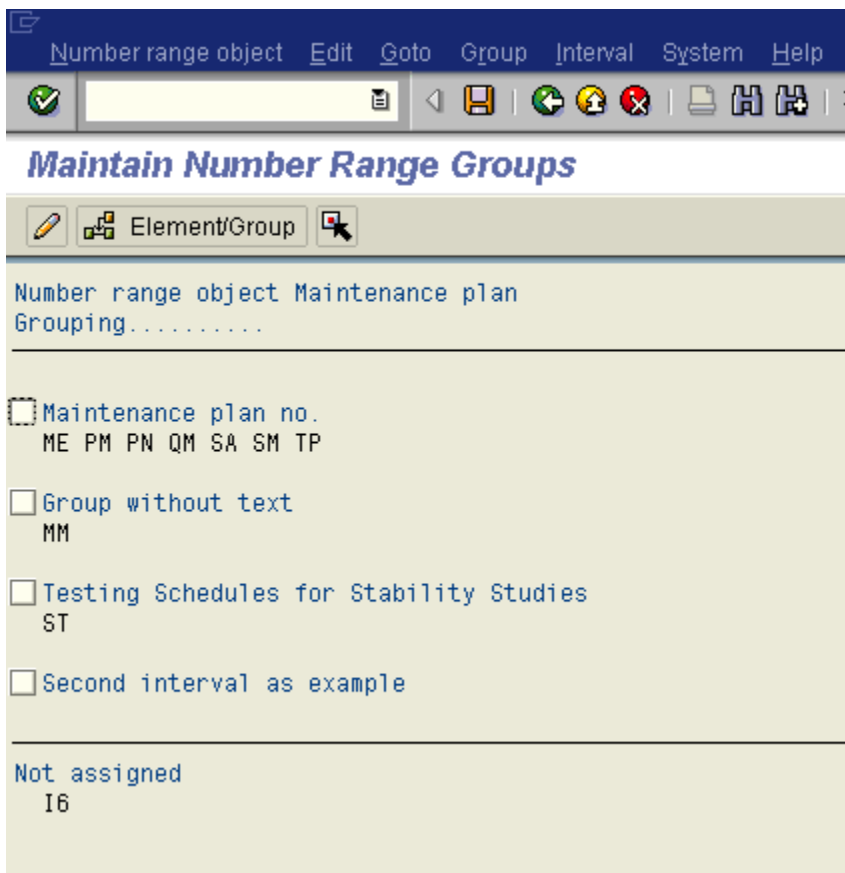
INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance plans, Work centers, Task Lists and PRTs ★ Maintenance Plans ★ Define number ranges for maintenance plans

Click 

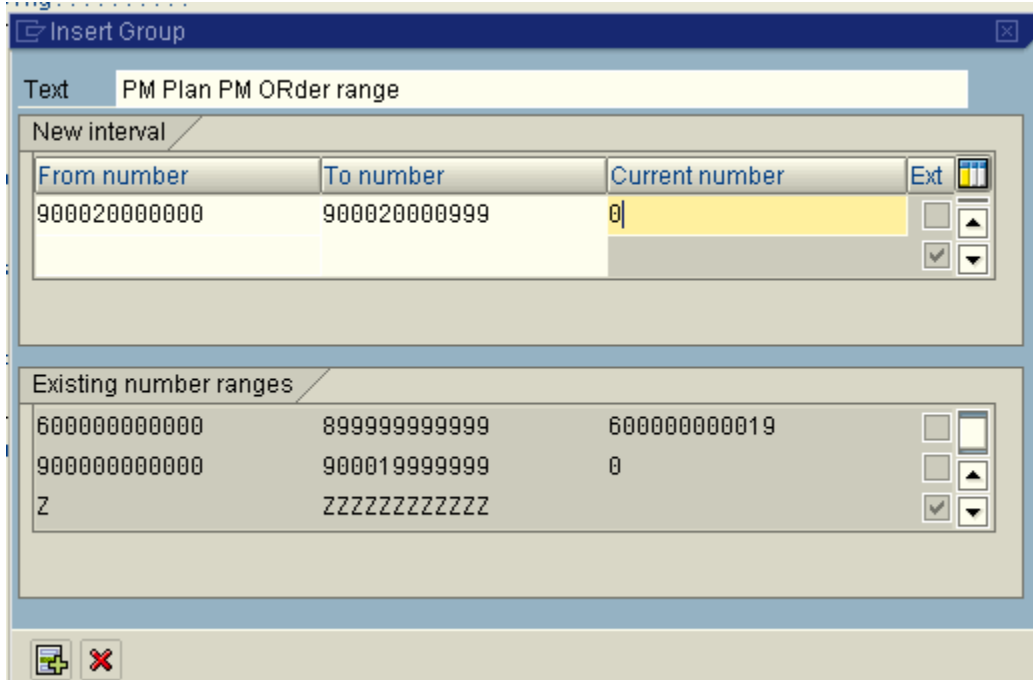
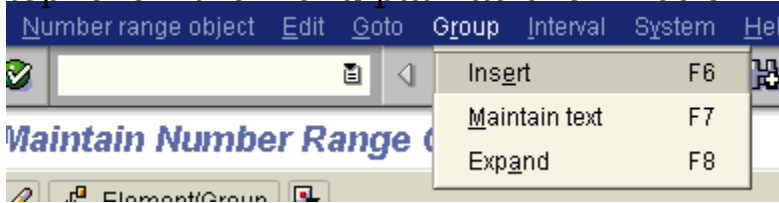


Click  Groups



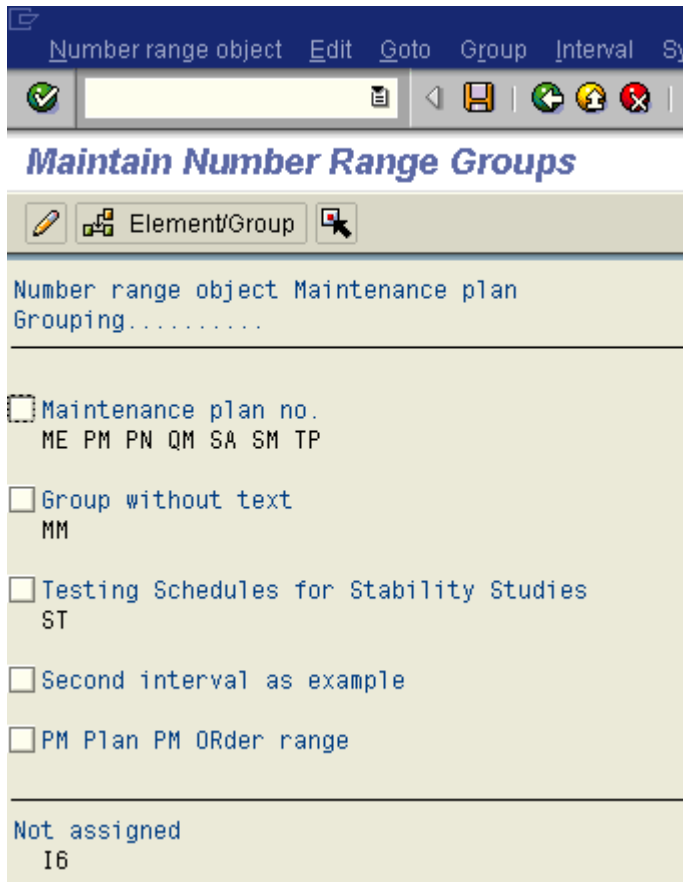
Note I6 is not assigned with any number range.

To create additional group (additional number range) from the top follow the menu path as shown below



Enter the required text, from number and To number.

Click 



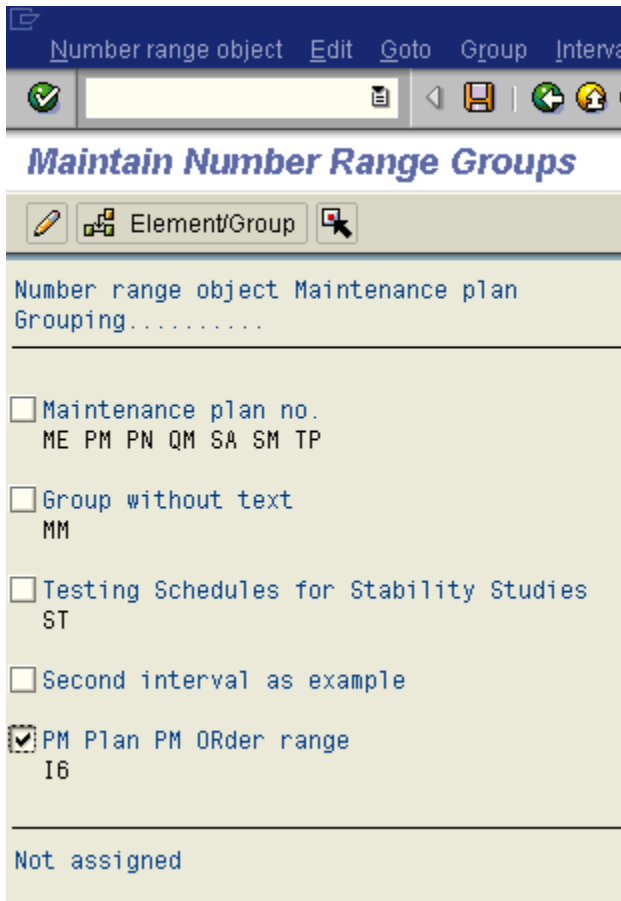
Click on **I6**

Click 

Tick the required group check box. E.g.

PM Plan PM ORder range

Click  Element/Group



Click 

Click 

Impact of this configuration in Master Data / Transaction

Number range defined here will be used when performing the relevant transaction

3.4 Maintenance and Service Notification Type

BACKGROUND

This configuration setting enables to define notification type.

Notification is the process of informing and recording any deviation from the specification. SAP defined standard notification types are

Customer complaint

Vendor complaint

Internal problem notification

Apart from the above types, any other type of notification can be created according to the business requirements.

SCENARIO

Define Notification type for Breakdown maintenance type I6.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance and Service Processing ★ Maintenance and Service Notifications ★ Notification creation ★ Notification Types ★ Define Notification Types

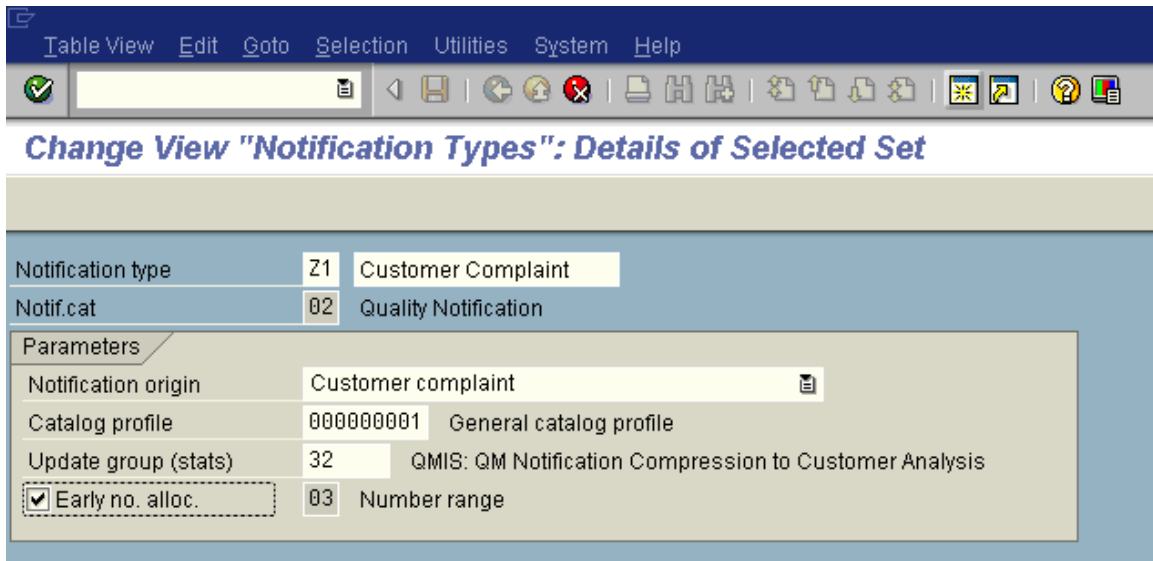
Click 

Typ	Notification type	Notif.cat
EC	Engineer Change Note	Plant maintenance
F1	Customer error	Quality Notification
F2	Vendor error	Quality Notification
F3	Material error	Quality Notification
G0	Notification	General Notification
I1	Malfunct.report RE	Plant maintenance
IF	IDES Feedback	General Notification
JP	Change Notification	General Notification
M1	Maintenance request	Plant maintenance
M2	Malfunction report	Plant maintenance
M3	Activity report	Plant maintenance
M4	RF & RFID Maint Req	Plant maintenance

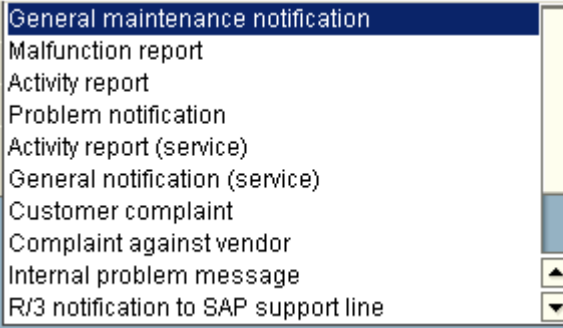
To create new notification type, it is suggested to copy from the standard Notification type.

Select Notification type M1 by pressing the grey box in the left.

Click 



Maintain the following fields

Field Name	Field description and value
Notification type	Key identifying the notification type
Notification origin	Origin of notification. Select from available entries. 
Reference time	E.g. malfunction report Date and time to propose when completing notification. E.g. C to indicate malfunctioning end.
Catalog profile	It is used to define object or subject when creating maintenance notification. Select from available entries. Catalog profile is the collection

	of codes and code group. We will discuss about it later.
Update group (stats)	LIS structure update control Leave it as it is with SAP standard settings.
<input checked="" type="checkbox"/> Early no. alloc.	Tick in this check box will assign the notification number immediately on start of transaction rather than assigning number at the time of saving.
01 Number range	Number range copied from the source as 01

Click 

Click 

Impact of this configuration in Master Data / Transaction

New notification type with I6 can be created.

4.PM Order

4.1 Configure order type

BACKGROUND

This configuration setting enables to define order type.

An order type holds control of various parameters which we are going to discuss one by one. Different order types are defined to indicate the different maintenance process.

E.g. one order type for Preventive maintenance, another order type for breakdown maintenance etc.

SCENARIO

Define order type IBD6 for Breakdown maintenance.

INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance and Service processing ★ Maintenance and Service Orders ★ Functions and settings for Order types ★ Configure Order Types

Click 

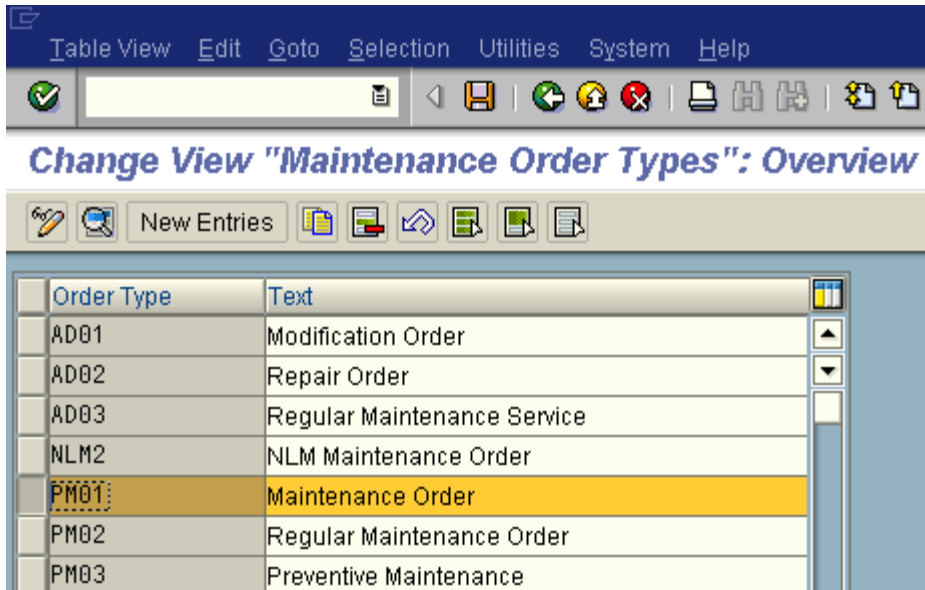
The screenshot shows the SAP 'Change View Maintenance Order Types' window. The title bar reads 'Change View "Maintenance Order Types": Overview'. The window contains a table with two columns: 'Order Type' and 'Text'. The 'AD01' row is highlighted in yellow.

Order Type	Text
AD01	Modification Order
AD02	Repair Order
AD03	Regular Maintenance Service
NLM2	NLM Maintenance Order
PM01	Maintenance Order
PM02	Regular Maintenance Order
PM03	Preventive Maintenance
PM04	Refurbishment Order
PM05	Order (Incl. Notification)
PM06	Calibration Order
PM07	Investment Order
PM08	
PM09	Maintenance Order w. Component Planning
SM01	Service Order (with contract)
SM02	Service Order (with Revenues)
SM03	Service Order: Repairs Processing

Note: - When creating new order types it is recommended to copy from existing one.

Let us copy from PM01 to create IBD6

Select the row to copy from. E.g. PM01



Click 


Change the order type and description as shown below

Maintain the following fields

Field name	Field description and value
<p>Order Type</p>	<p>Key identifying the order type. E.g. IBD6. Also enter the description in the next window. E.g. Maintenance Order for</p>
<p>Cost accounting parameters</p> <p>CO Partner Update <input type="text" value="Semi-active"/></p> <p><input checked="" type="checkbox"/> Open item management Components active</p> <p><input type="checkbox"/> Revenue postings not allowed</p>	<p>Breakdown</p> <p>Costing related setting. Leave it as it is.</p>
<p>Cost accounting profiles</p> <p>Settlement profile <input type="text" value="40"/> Maintenance Order</p> <p>Budget Profile <input type="text" value="000001"/> Budget Profile</p> <p>Object Class <input type="text"/></p>	<p>Costing related setting defining settlement profiles and budget profile. Settlement profile will be copied to settlement rule.</p>

	Discuss with CO member and maintain this .
<input type="checkbox"/> Release immediately	Tick in this check box will release maintenance order immediately. Note:- If maintenance order is created through maintenance call i.e notification, then order will be automatically.

Click 

Order category	30	Maintenance order
Order Type	IBD6	Maintenance Order for Breakdown
Cost accounting parameters		
CO Partner Update	Semi-active	
<input checked="" type="checkbox"/> Open item management	Components active	
<input type="checkbox"/> Revenue postings	not allowed	
Cost accounting profiles		
Settlement profile	40	Maintenance Order
Budget Profile	000001	Budget Profile
Object Class		
Reorganization		
Residence Time1		
Residence Time2		
<input type="checkbox"/> Release immediately		
Screen RefObject		

Click 

Impact of this configuration in Master Data / Transaction

Order type defined here can be used when creating maintenance order for breakdown.

4.2 Assign order types to Maintenance plants

BACKGROUND

This configuration setting enables to assign the order type to maintenance plant.

We can define any number of order type, but each order must be assigned to maintenance plant where the physical maintenance task is carried out.

Maintenance order will be created only in maintenance plant.

SCENARIO

Assign order type IBD6 to maintenance plant IND6.

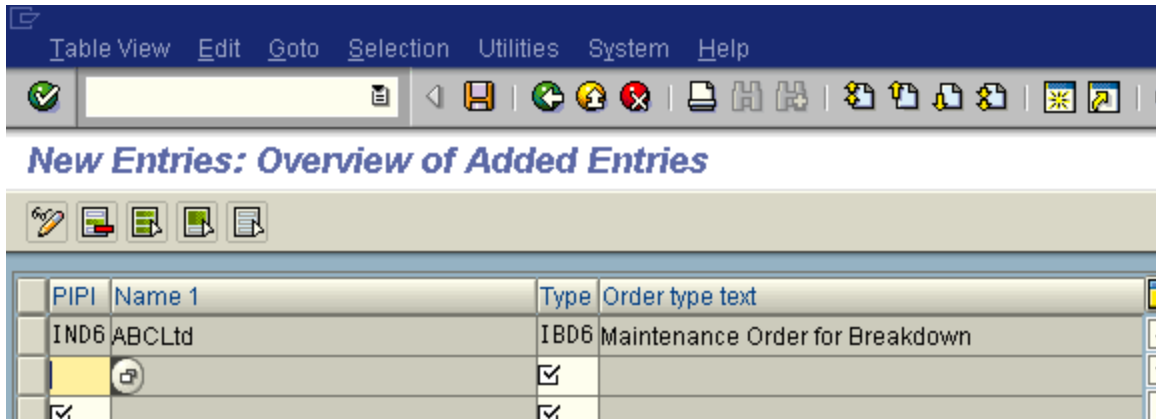
INSTRUCTIONS

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance and Service processing ★ Maintenance and Service Orders ★ Functions and settings for Order types ★ Configure Number ranges

Click 

Click 

Maintain the entries as shown below



Click 

Click 

Impact of this configuration in Master Data / Transaction

Order type is assigned to maintenance plant.

5. Equipment Calibration

5.1 Maintain settings at plant level

BACKGROUND

This configuration setting enables to define the settings at plant level.

When QM module is to be implemented, plant level settings are needed to be maintained. Following setting at plant level can be managed through this setting.

- ⦿ Version control for Master Inspection characteristics and Inspection method,
- ⦿ Plant level sampling procedure
- ⦿ Code and selected set at plant level for valuation
- ⦿ Automatic usage decision waiting time

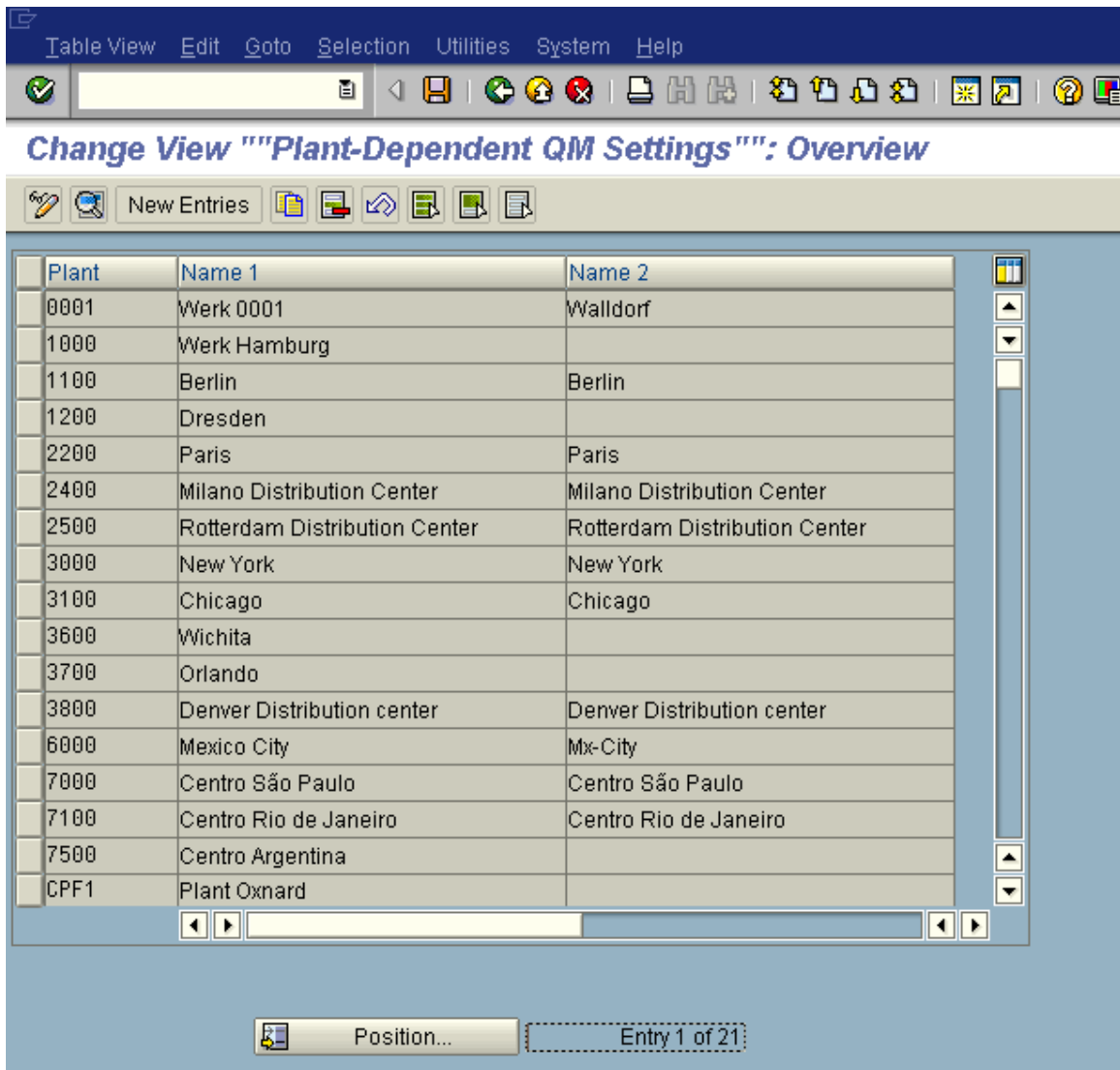
SCENARIO

Maintain Plant parameter of QM setting for plant IND6. It is required to maintain Plant level UD code and waiting time for automatic UD.

INSTRUCTIONS

Follow the Menu Path: IMG★ Quality Management★ Basic settings ★ Maintain settings at plant level.

Click 

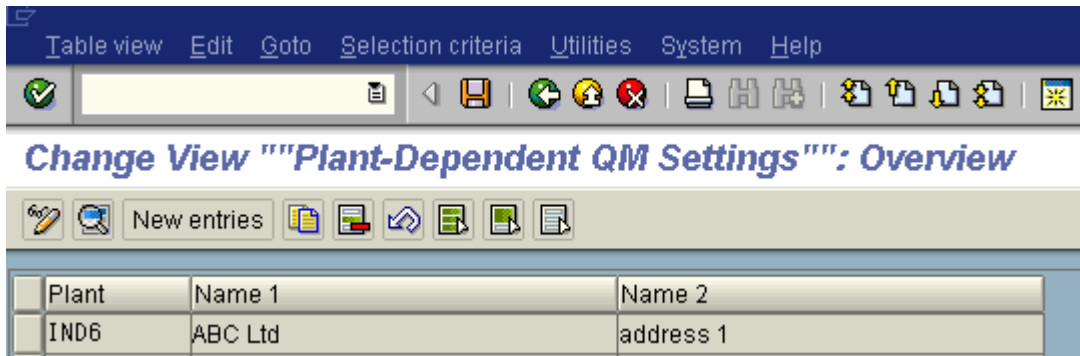


The screenshot shows the SAP 'Change View "Plant-Dependent QM Settings": Overview' window. The window has a menu bar with 'Table View', 'Edit', 'Goto', 'Selection', 'Utilities', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area contains a table with three columns: 'Plant', 'Name 1', and 'Name 2'. The table lists 21 entries. At the bottom of the window, there is a 'Position...' button and a status bar showing 'Entry 1 of 21'.

Plant	Name 1	Name 2
0001	Werk 0001	Walldorf
1000	Werk Hamburg	
1100	Berlin	Berlin
1200	Dresden	
2200	Paris	Paris
2400	Milano Distribution Center	Milano Distribution Center
2500	Rotterdam Distribution Center	Rotterdam Distribution Center
3000	New York	New York
3100	Chicago	Chicago
3600	Wichita	
3700	Orlando	
3800	Denver Distribution center	Denver Distribution center
6000	Mexico City	Mx-City
7000	Centro São Paulo	Centro São Paulo
7100	Centro Rio de Janeiro	Centro Rio de Janeiro
7500	Centro Argentina	
CPF1	Plant Oxnard	

Click  and type IND6

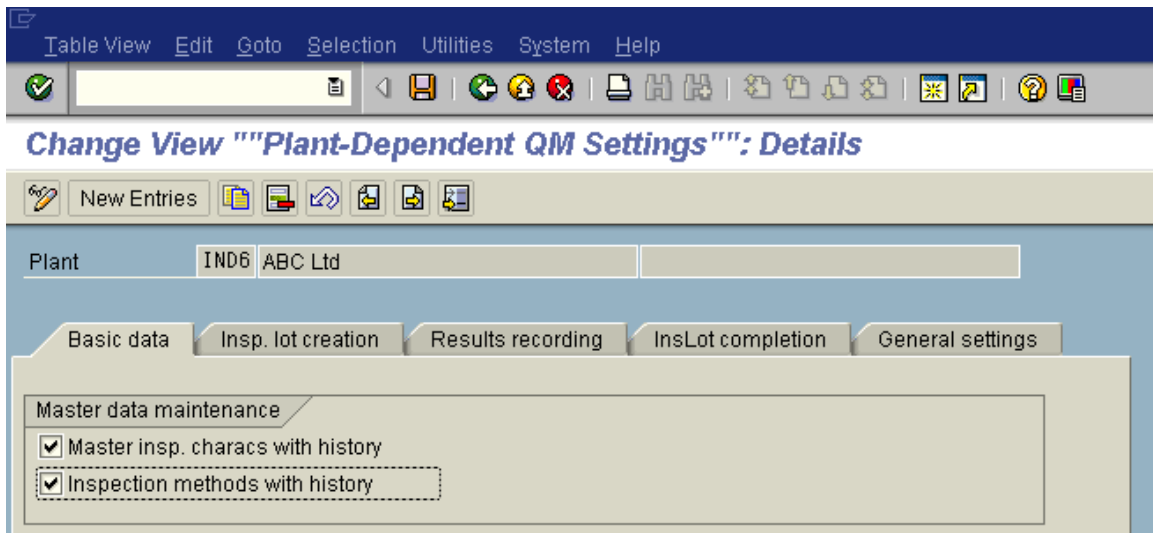
Click 



Select plant IND6 by clicking grey box in the left side.

Click

Note:- Default settings are sufficient to do with QM module. However important settings along with the screen shots are explained below.



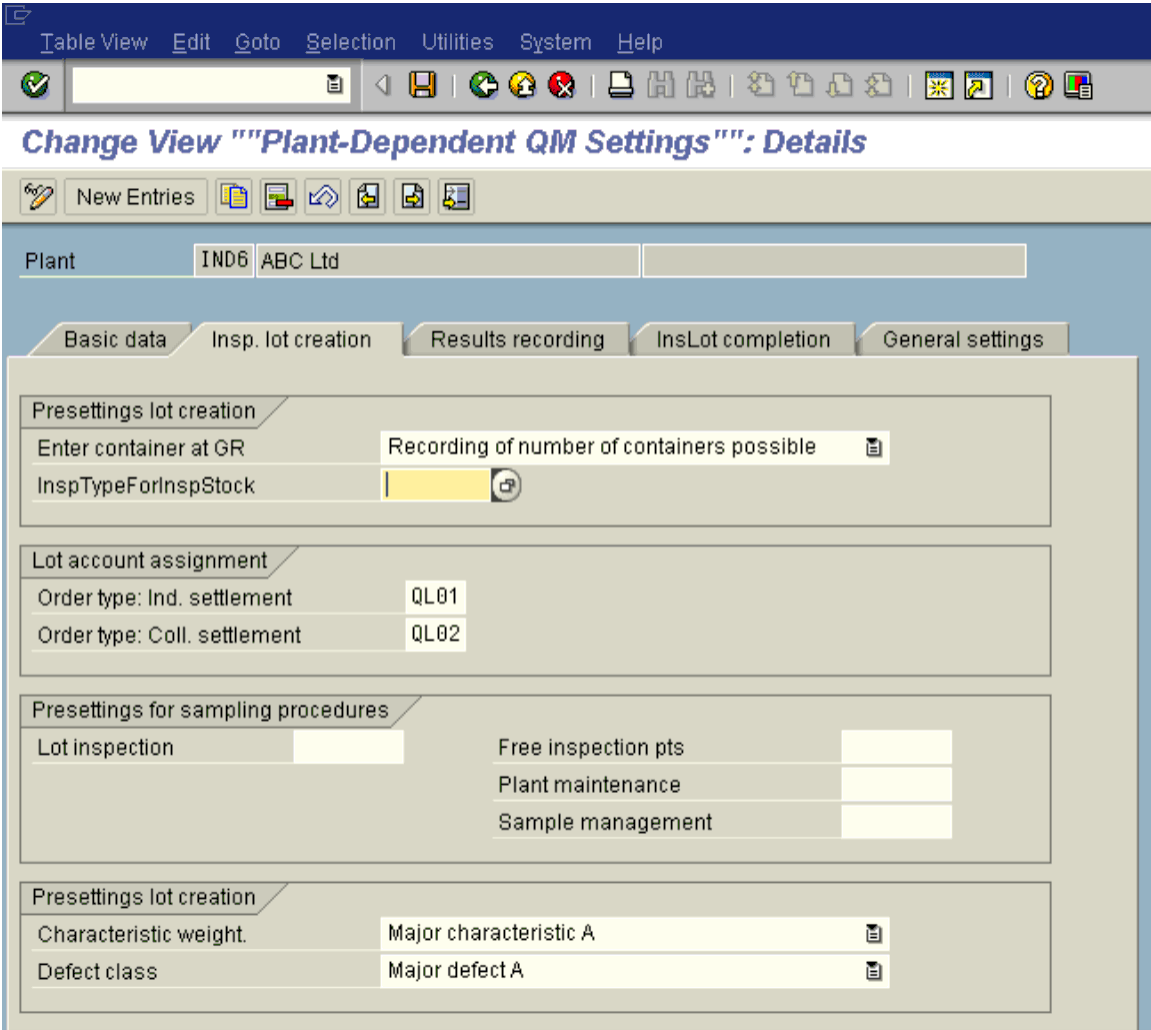
Update the Following fields

Field	Description
<input checked="" type="checkbox"/> Master insp. characs with history	Tick in this check box will assign version to the Master Inspection Characteristics automatically during creation and change.
<input checked="" type="checkbox"/> Inspection methods with history	Tick in this check box will

assign version to the Inspection method automatically during creation and change.

Click **Insp. lot creation**

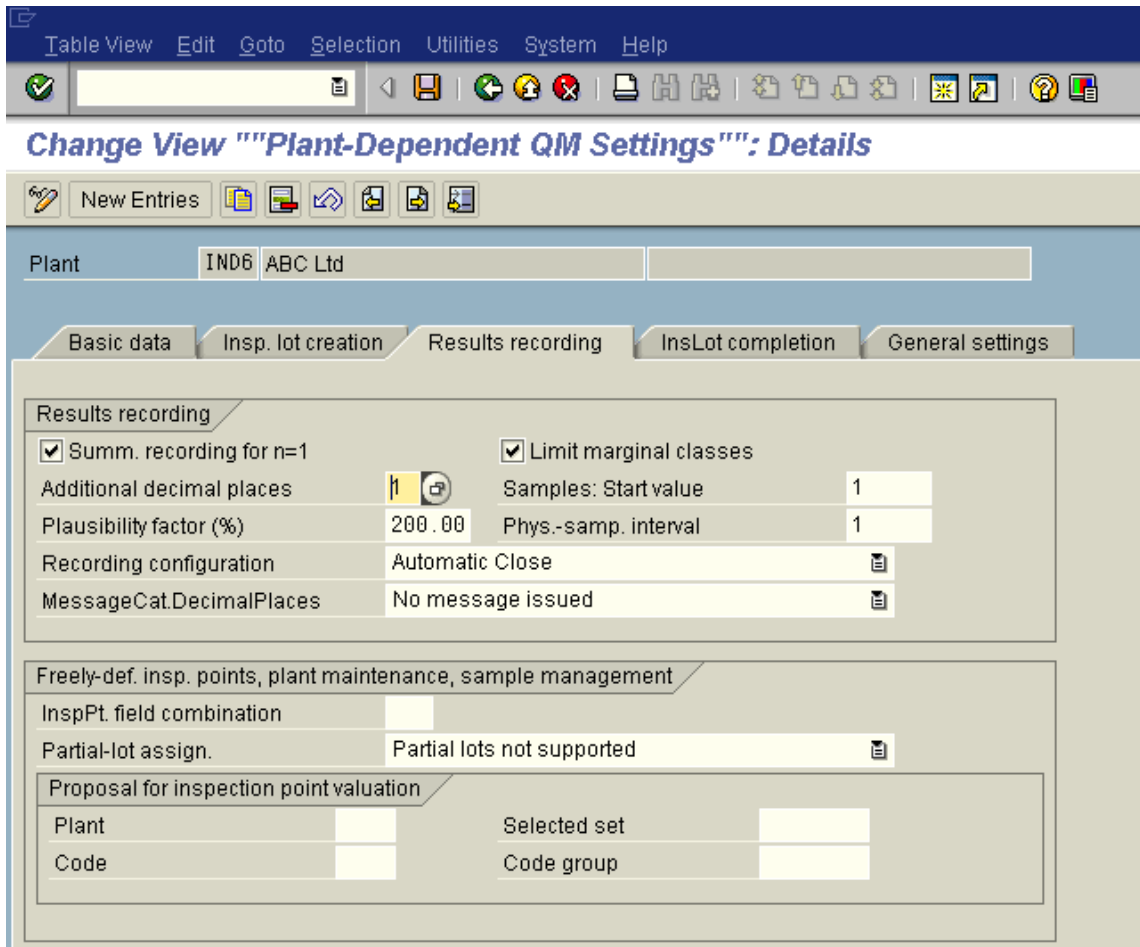
Insp.Lot creation Tab screen



No settings are to be done here.

Click **Results recording**

Result recording Tab screen



Recording configuration - “Automatic close” When performing the result recording, automatically characteristics will be evaluated and closed.

Proposal for inspection point valuation:-

To value the inspection point, selected set, code and code group can be maintained at plant level.

This will be referred incase of any missing data in the master data.

No other settings are to be done here.

Click **InsLot completion**

InsLot completion Tab screen

The screenshot shows the SAP 'Change View' interface for 'Plant-Dependent QM Settings'. The title bar includes menu options: Table View, Edit, Goto, Selection, Utilities, System, Help. The main title is 'Change View ""Plant-Dependent QM Settings"": Details'. Below the title bar is a toolbar with icons for New Entries, Print, and other functions. The 'Plant' field is set to 'IND6 ABC Ltd'. The 'InsLot completion' tab is selected, showing the following settings:

Section	Field	Value
Inventory postings	Controlling area	
	Cost center: Scrap	
	Cost center: Destroyed	
	Stor. loc. for reserves	
Automatic usage decision	Delay time for skip lot	
	Waiting time (hrs)	
	Waiting time (mins)	
Batch valuation	<input type="checkbox"/> Batch valuation without material spec.	

Automatic Usage decision:-

To configure Automatic Usage decision waiting time should be mentioned.

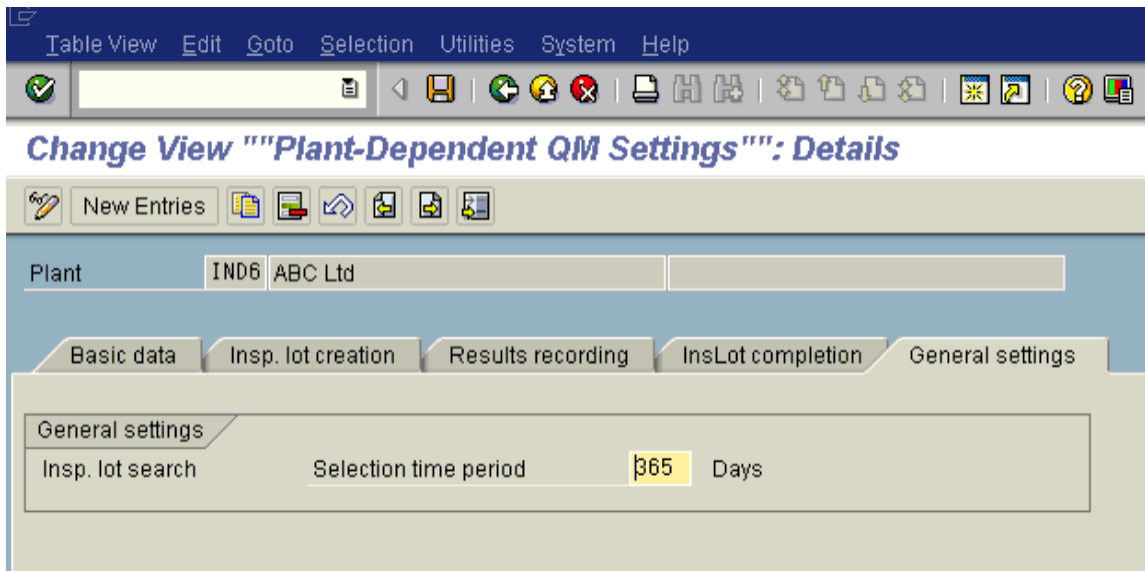
Automatic UD will be performed after this time is elapsed from the result recording.

Note: - Auto UD program has to be run to make auto UD.

Batch Valuation check box to be ticked, if batch updating is to be done without material specification. E.g. Leave it blank.

Click **General settings**

General settings Tab screen



No settings are to be done here.

Click Save .

Impact of this configuration in Master Data / Transaction

Over all maintenance of the above will control,

- ⦿ Automatic creation of versions for MIC during creation and change
- ⦿ Selected set at plant level may be used during result recording
- ⦿ Automatic usage time elapse duration may be mentioned here

5.2 Assign Inspection type to order types

BACKGROUND

This configuration setting enables to define the inspection type to maintenance or service order type.

For calibration of equipment, it is required to record the results for that equipment. To perform any inspection, inspection lot with appropriate inspection type is a must.

With this configuration setting inspection type 14 is assigned to required maintenance order type.

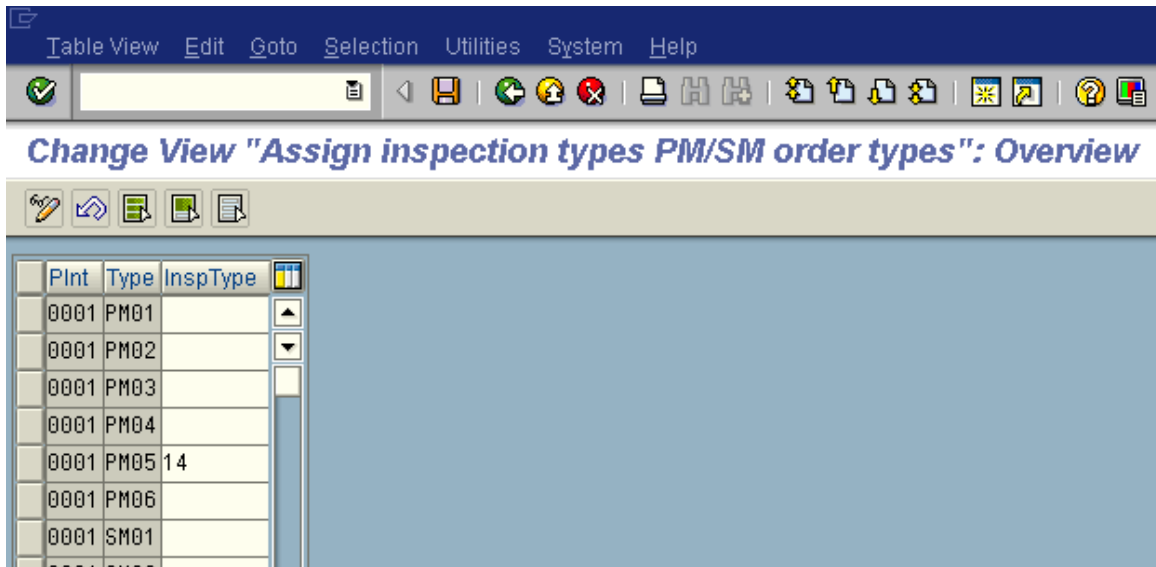
SCENARIO

Define the inspection type 14 to order type.

INSTRUCTION

Follow the Menu Path: IMG★Plant Maintenance and customer services★ Maintenance and Service processing ★ Maintenance and Service Orders ★ Functions and settings for Order types ★ Assign inspection type to maintenance/Service order types

Click 



Inspection type 14 (for calibration of equipment) is assigned to order type PM05.

Click 

Click 

Click 

Impact of this configuration in Master Data / Transaction

While creating maintenance order from object call (notification), inspection lot with type 14 will be created.

The entire PM configuration pack comes in 9 voluminous power packed CDS full of meaty content and each sub module in SAP PM 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, PM Interview Questions and a boatload of step by step instructions. You can take advantage of the special offer by visting the site below

<http://www.sap-topjobs.com/SpecialPP/sappm20071919.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 PM 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....

<http://www.sap-topjobs.com/SpecialPP/sappm20071919.html>