Answerthink Enabling World-Class Performance	**BUSINESS PROCESS PROCEDURE**
Solution:	EzAIO
Title:	CRQ1_Create Work Center (QM)
Functional Area:	Quality Management
SAP Release:	ECC 6.0 EhP4

OVERVIEW

Trigger:

Creating a quality work center is desired.

Business Process Description Overview
● Manual Creation A work center is an organizational unit that defines where and when an operation should be carried out within a plant. A work center is unique within a plant. Work centers can be machines, people or production lines. Operations that need to be executed are defined on a task list and executed at the corresponding user assigned work center. This document describes the process of creating a quality work center.

Input – Required Fields	**Field Value / Comments**
Plant	Plant pertains to the material
Work Center	Work Center which is to be created for Quality.
Work Center Category	Category of the work center

Output - Results	**Comments**
Work Center pertains to the category 0001 (Quality) is created	N/A

Tips and Tricks

(Shortcuts and methods for accelerating the transaction.)

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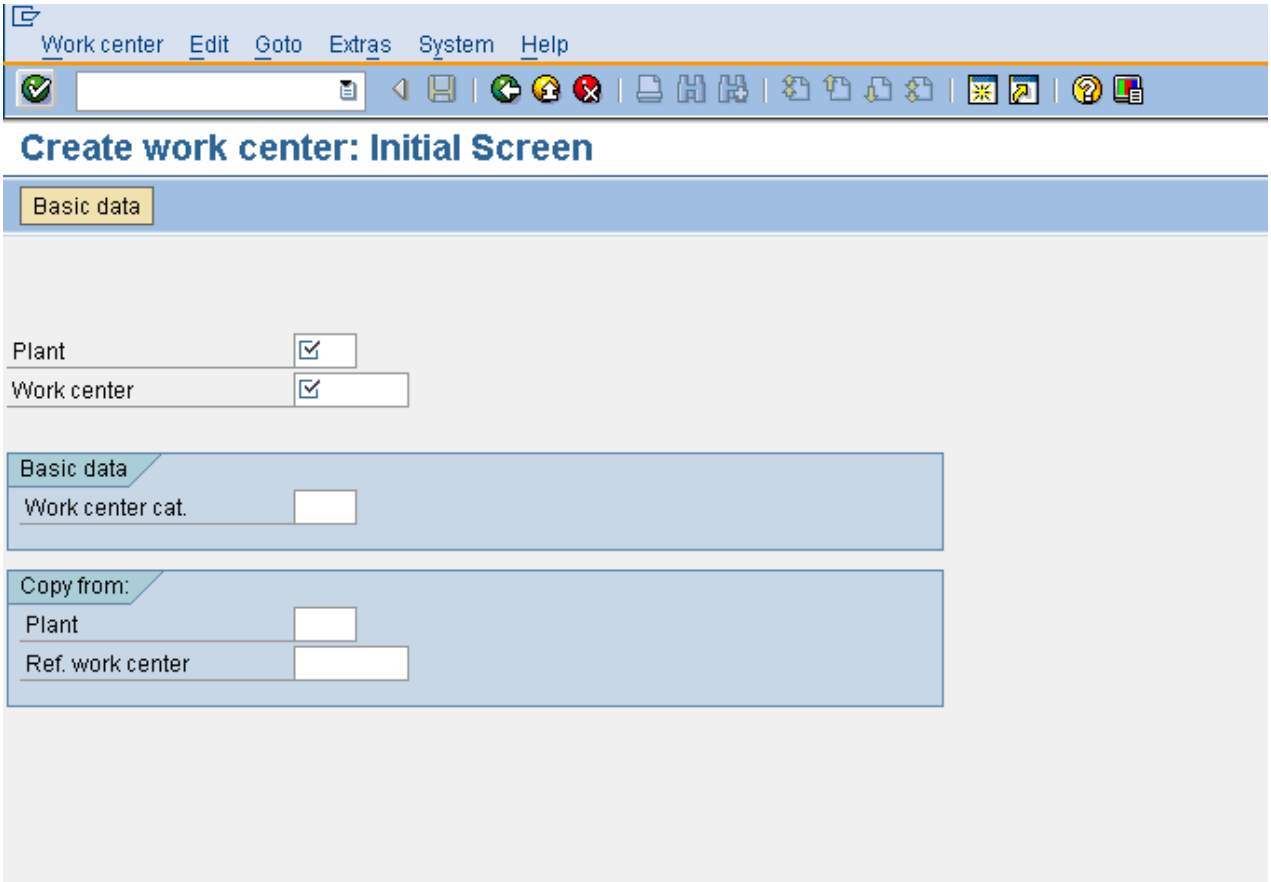
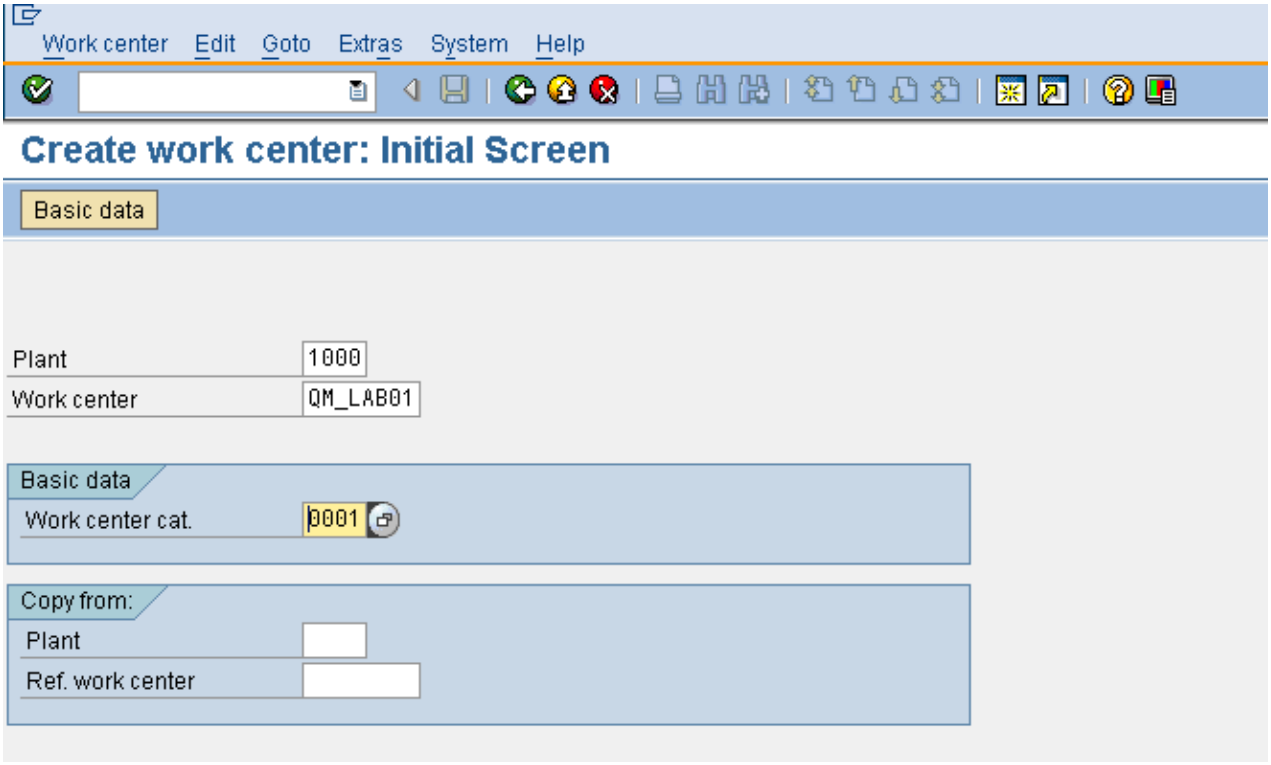
Procedural Steps

1.1 Access transaction "Create Quality Work Center" by:

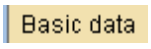
Via Menus	a) Logistics > Quality management > Quality planning > Basic data > Work center > QM Work Center > Work Center > Create b) Logistics > Central Functions > Batch Management > Environment > Quality Planning for Material > Basic Data > Work Center > QM Work Center > Work Center > Create
Via Transaction Code	**CRQ1**



1.2 Create work center: Initial Screen.

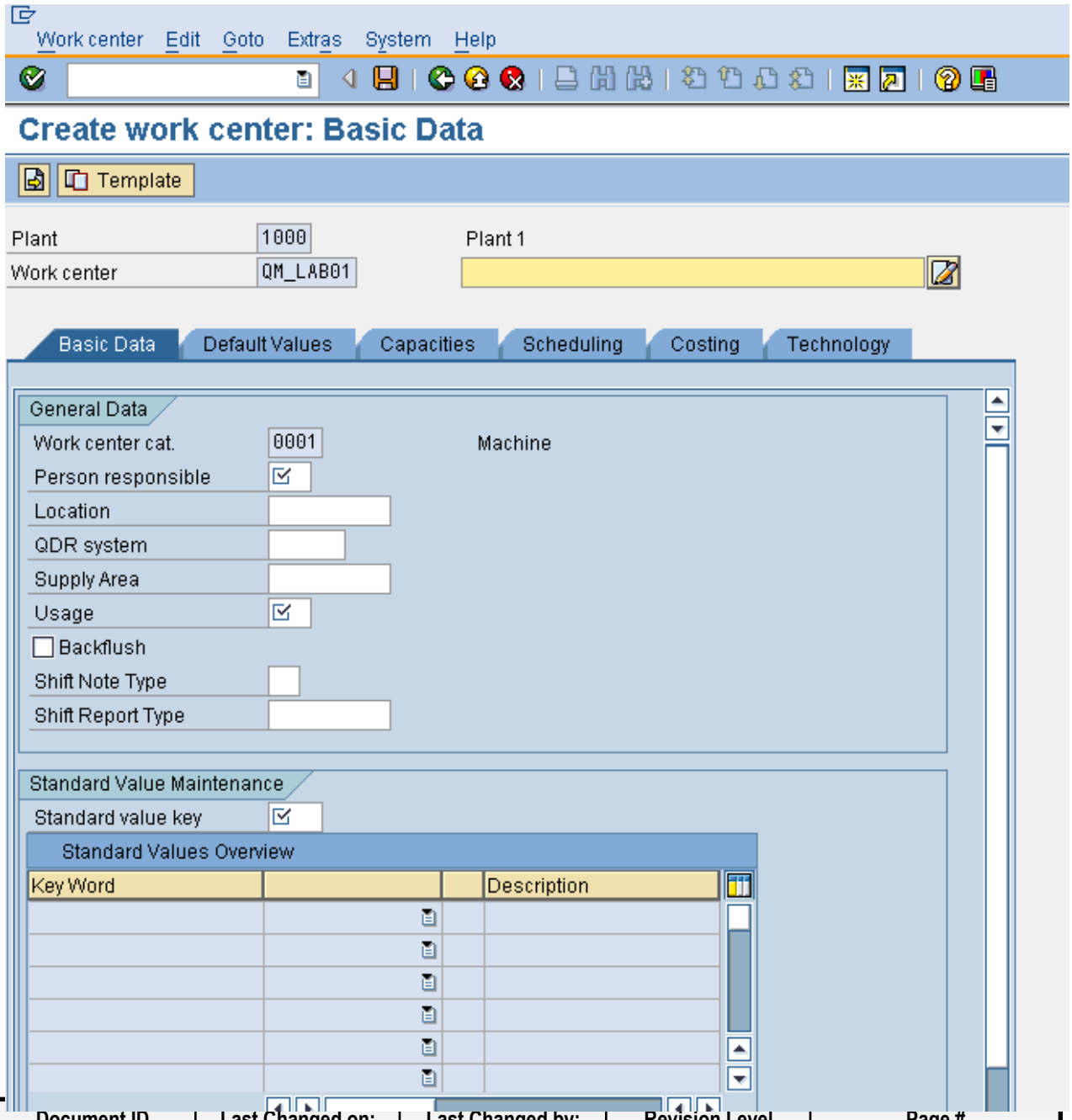


Field Name	Description	R/O/C/P	User Action and Values	Comments
Plant	Plant number	R	Enter the alphanumeric key that uniquely identifies the plant that the work center is valid for..	
Work center	Work center number	R	Enter the alphanumeric key that uniquely identifies the new work center being created.	
Basic Data	**Section Heading**			
Work center cat.	Work center category	R	Enter the alphanumeric key that uniquely identifies the category of the new work center. (IE production, maintenance, quality)	
Copy From	**Section Heading**			

Plant	Referencing plant number	O	Enter the alphanumeric key that uniquely identifies the referencing plant number where the to be copied work center is valid.	
Ref. Work center	Referencing work center number	O	Enter the alphanumeric key that uniquely identifies the referencing work center to be copied.	
			Press Enter key or click on Green Enter icon or click on  button.	

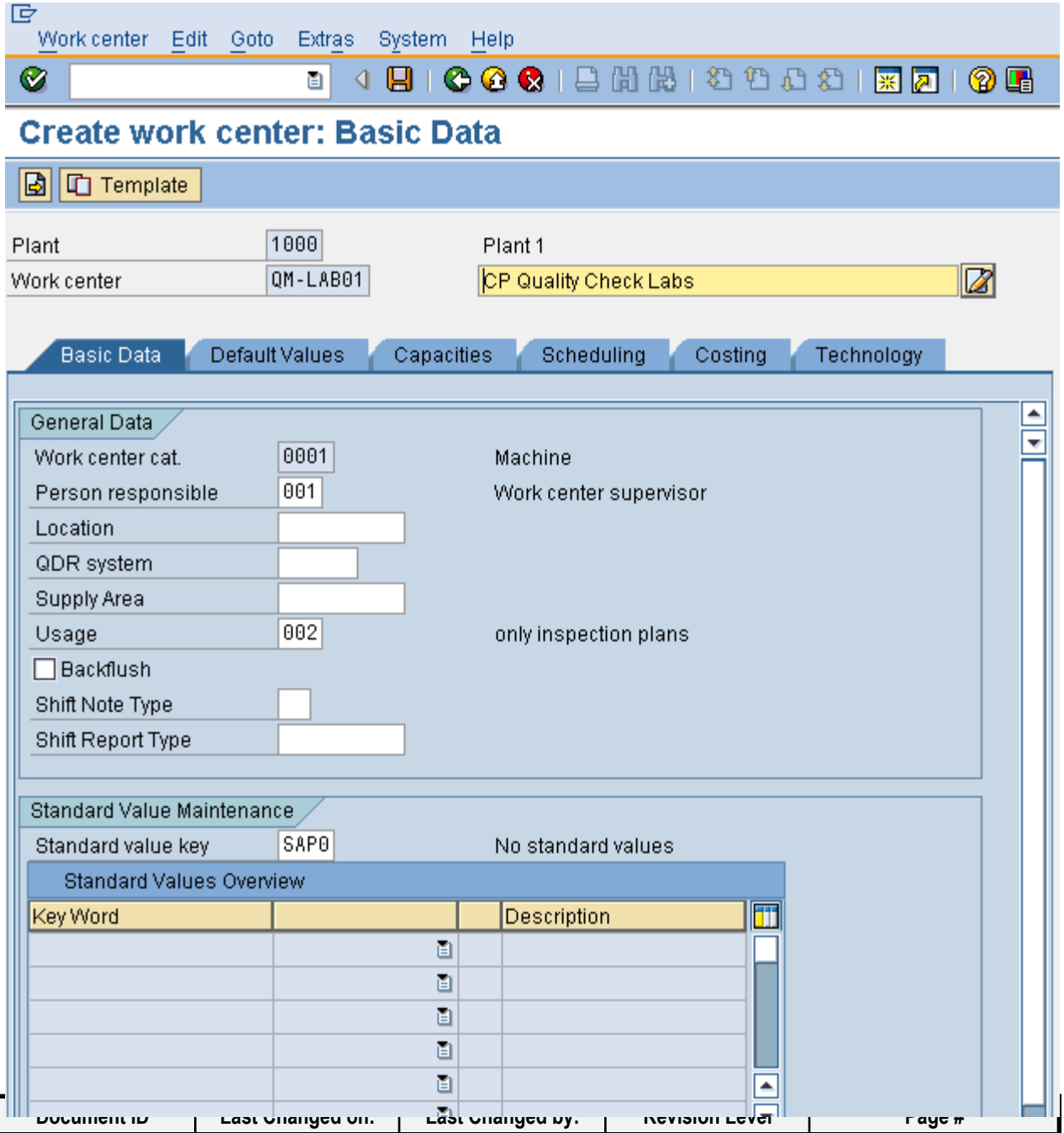
(**Note**: On above table, in column "R/O/C/P; **R** = Required, **P** = Client Required, **O** = Optional, and **C** = Conditional)

1.3 Steps after entering data in screen fields.


Work center Edit Goto Extras System Help
Create work center: Basic Data
Template
Plant 1000 Plant 1
Work center QM_LAB01
Basic Data Default Values Capacities Scheduling Costing Technology
General Data
Work center cat. 0001 Machine
Person responsible
Location
QDR system
Supply Area
Usage
Backflush
Shift Note Type
Shift Report Type
Standard Value Maintenance
Standard value key
Standard Values Overview
Key Word
Description

After entering the required data and any additional data on the “create work center initial screen”, select the [Green Check Mark Button].

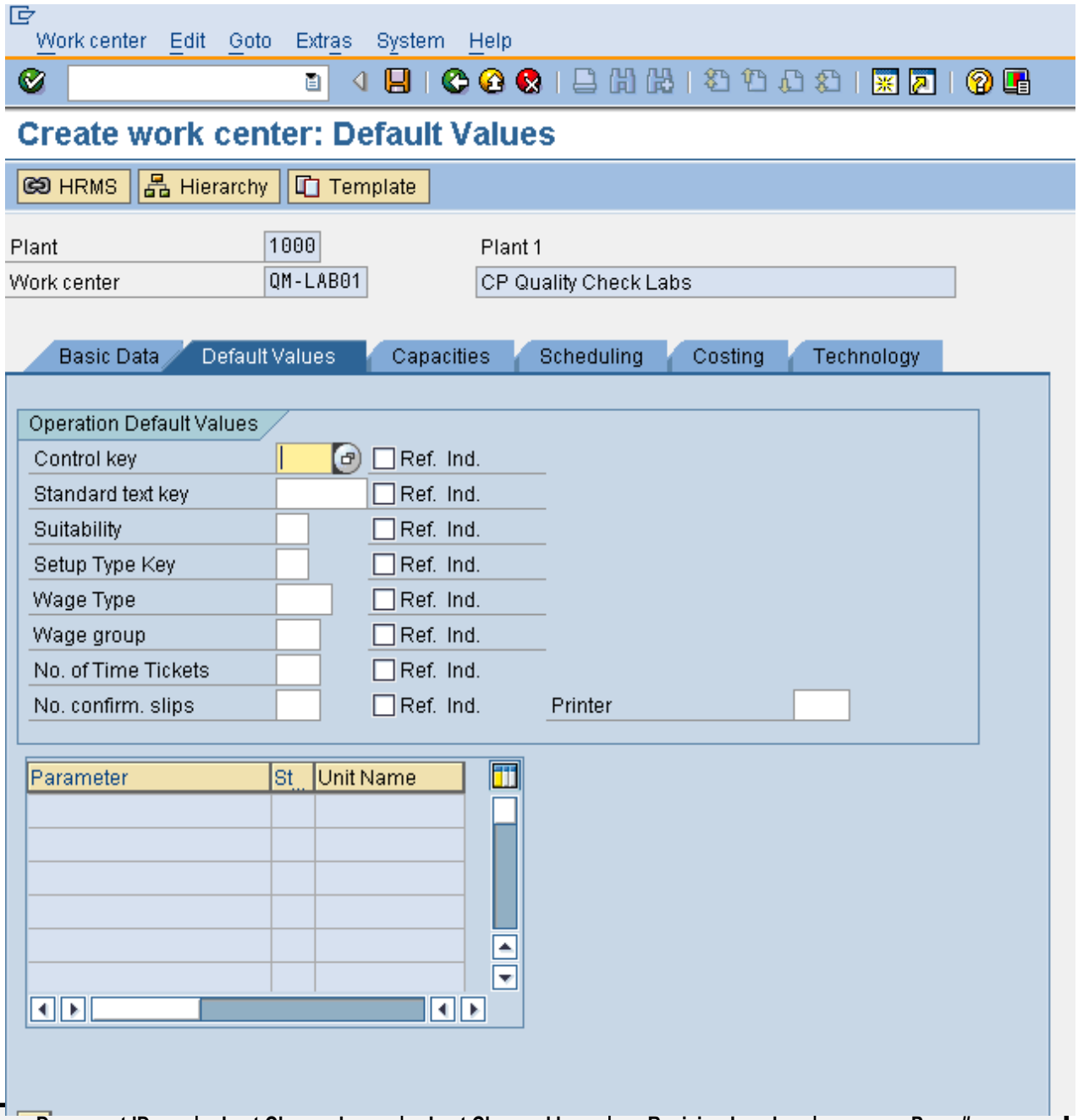
1.4 Create work center: Basic data tab.


Work center Edit Goto Extras System Help
Create work center: Basic Data
Template
Plant 1000 Plant 1
Work center QM-LAB01 CP Quality Check Labs
Basic Data Default Values Capacities Scheduling Costing Technology
General Data
Work center cat. 0001 Machine
Person responsible 001 Work center supervisor
Location
QDR system
Supply Area
Usage 002 only inspection plans
Backflush
Shift Note Type
Shift Report Type
Standard Value Maintenance
Standard value key SAP0 No standard values
Standard Values Overview
Key Word
Description

Field Name	Description	R/O/C/P	User Action and Values	Comments
Work center name	Work center name	R	Enter a short description of the work center.	
Work center cat.	Work center category	D	Enter the alphanumeric key that uniquely identifies the category of the work center (i.e. production, maintenance, quality) 0008	Will default if entered on the initial screen.
Person responsible	***The person or group of people v responsible for the maintenanc Work center master files.***	R	Enter the alphanumeric key that uniquely identifies the person or group of people that are directly responsible for maintaining the work center.	
Location	Key that describes Work center location	O	Enter the alphanumeric key that uniquely identifies the location of the work center.	
QDR system	Logical description of an external system (non-SAP system, subsystem, QDE system) with which quality data from a quality inspection can be exchanged.	O	Enter the alphanumeric key that uniquely identifies the non-SAP quality database system where quality data from a quality inspection can be exchanged.	
Supply area	***The supply area for material replenishment purposes***	O	Enter the alphanumeric key that uniquely identifies the supply area used to replenish the work center.	
Usage	***Key to control in which type of t you can use.***	R	Enter the alphanumeric key that uniquely identifies the task list to be used with the work center.	
Transaction matrix	***The transition matrix describes assignment of a resource or a r setup group to a transition of m defined in Customizing.***	O	Enter the alphanumeric key that uniquely identifies the transaction matrix used to calculate times.	
Stor. Loc. Res.	A storage location serves the purpose of recording material stocks of a storage resource so they can be considered in capacity planning.	O	Enter the storage location number	
Mixmat. allowed	Indicator that allows mixing of material	O	Select if required.	
Backflush	Indicator that allows the materials to be backflushed.	O	Select if required.	
Standard value key	Standard value key	R	Enter the alphanumeric key that uniquely identifies the standard value key that can be used to define up to 6 standard values.	

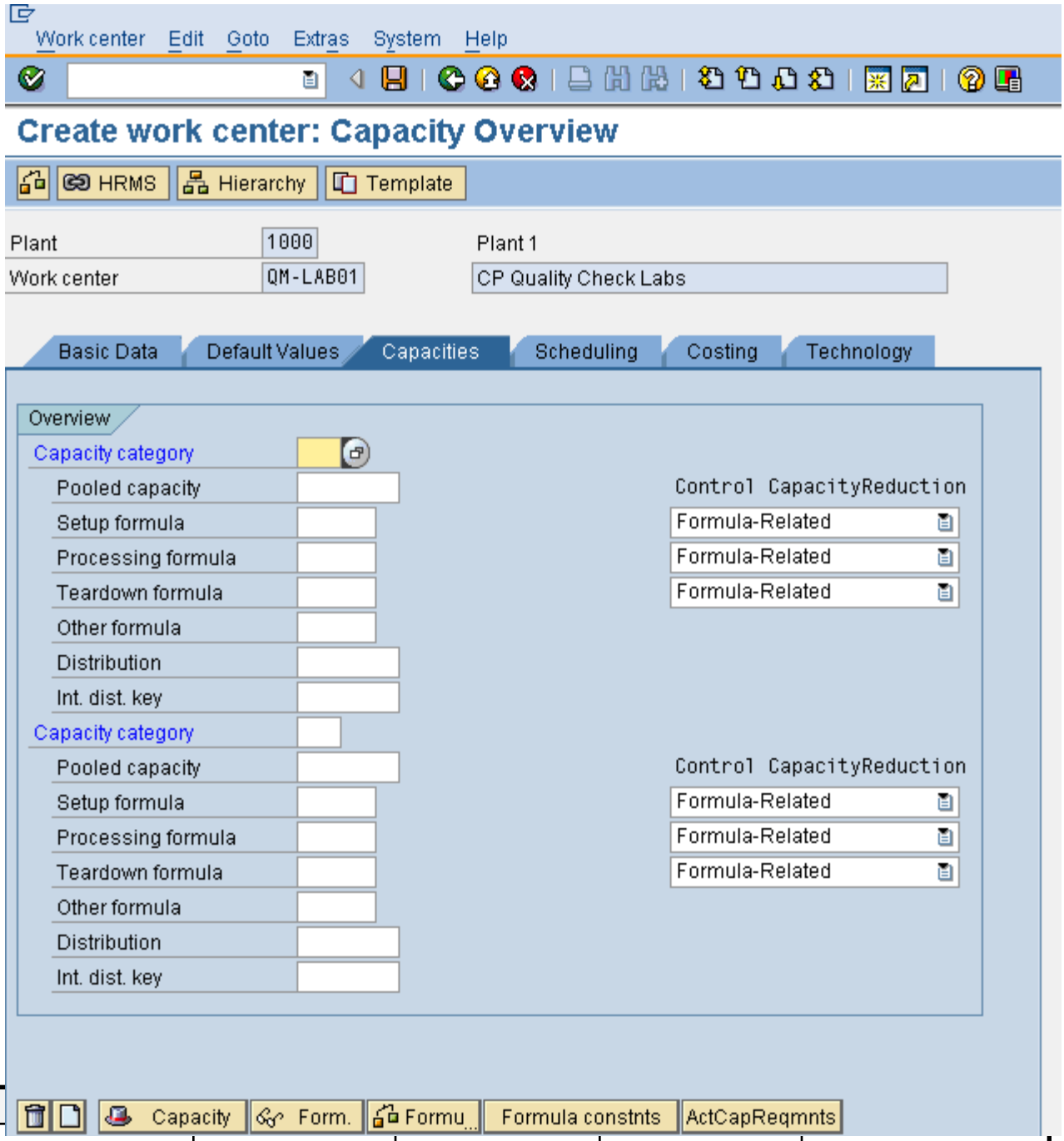
(**Note**: On above table, in column "R/O/C/P; **R** = Required, **P** = Client Required, **O** = Optional, and **C** = Conditional, D=Display)

1.5 Create work center: Default values tab.


Work center
Edit
Goto
Extras
System
Help
Create work center: Default Values
HRMS
Hierarchy
Template
Plant
1000
Plant 1
Work center
QM-LAB01
CP Quality Check Labs
Basic Data
Default Values
Capacities
Scheduling
Costing
Technology
Operation Default Values
Control key
Standard text key
Suitability
Setup Type Key
Wage Type
Wage group
No. of Time Tickets
No. confirm. slips
Ref. Ind.
Printer
Parameter
St...
Unit Name

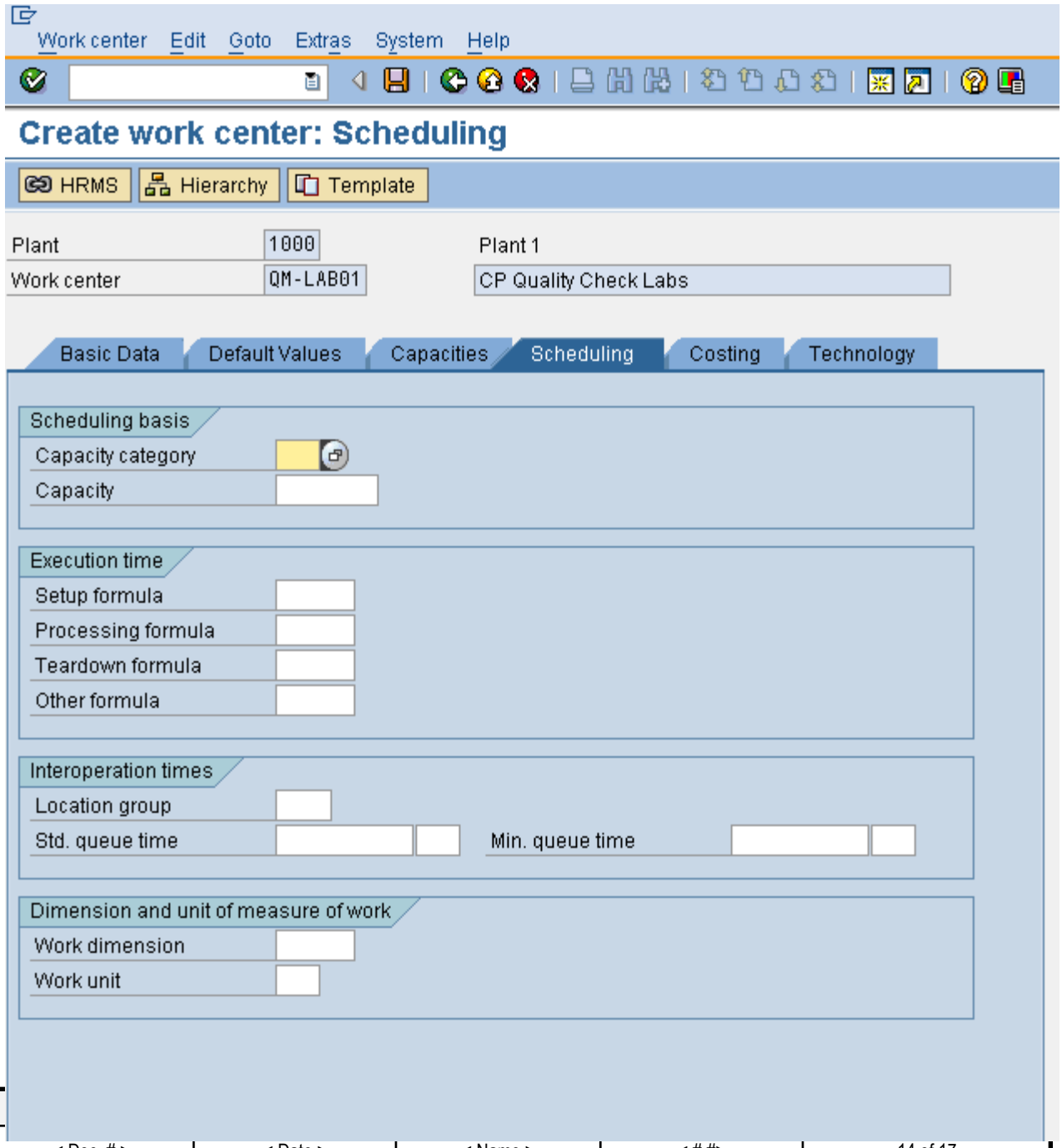
In the “default values” section many different default values may be set.

1.6 Create work center: Capacities tab.


Work center
Edit
Goto
Extras
System
Help
Create work center: Capacity Overview
HRMS
Hierarchy
Template
Plant
1000
Plant 1
Work center
QM-LAB01
CP Quality Check Labs
Basic Data
Default Values
Capacities
Scheduling
Costing
Technology
Overview
Capacity category
Pooled capacity
Control CapacityReduction
Setup formula
Formula-Related
Processing formula
Formula-Related
Teardown formula
Formula-Related
Other formula
Distribution
Int. dist. key
Capacity category
Pooled capacity
Control CapacityReduction
Setup formula
Formula-Related
Processing formula
Formula-Related
Teardown formula
Formula-Related
Other formula
Distribution
Int. dist. key
Capacity
Form.
Formu...
Formula constnts
ActCapReqmnts

In the “capacities” section formulas may be set to determine the capacity of the work center. At least one category capacity must be set-up.

1.7 Create work center: Scheduling tab.


Work center
Edit
Goto
Extras
System
Help
Create work center: Scheduling
HRMS
Hierarchy
Template
Plant
1000
Plant 1
Work center
QM-LAB01
CP Quality Check Labs
Basic Data
Default Values
Capacities
Scheduling
Costing
Technology
Scheduling basis
Capacity category
Capacity
Execution time
Setup formula
Processing formula
Teardown formula
Other formula
Interoperation times
Location group
Std. queue time
Min. queue time
Dimension and unit of measure of work
Work dimension
Work unit

In the “scheduling” section formulas and time can be entered that will control the scheduling of the work center.

1.8 Create work center: Costing tab.

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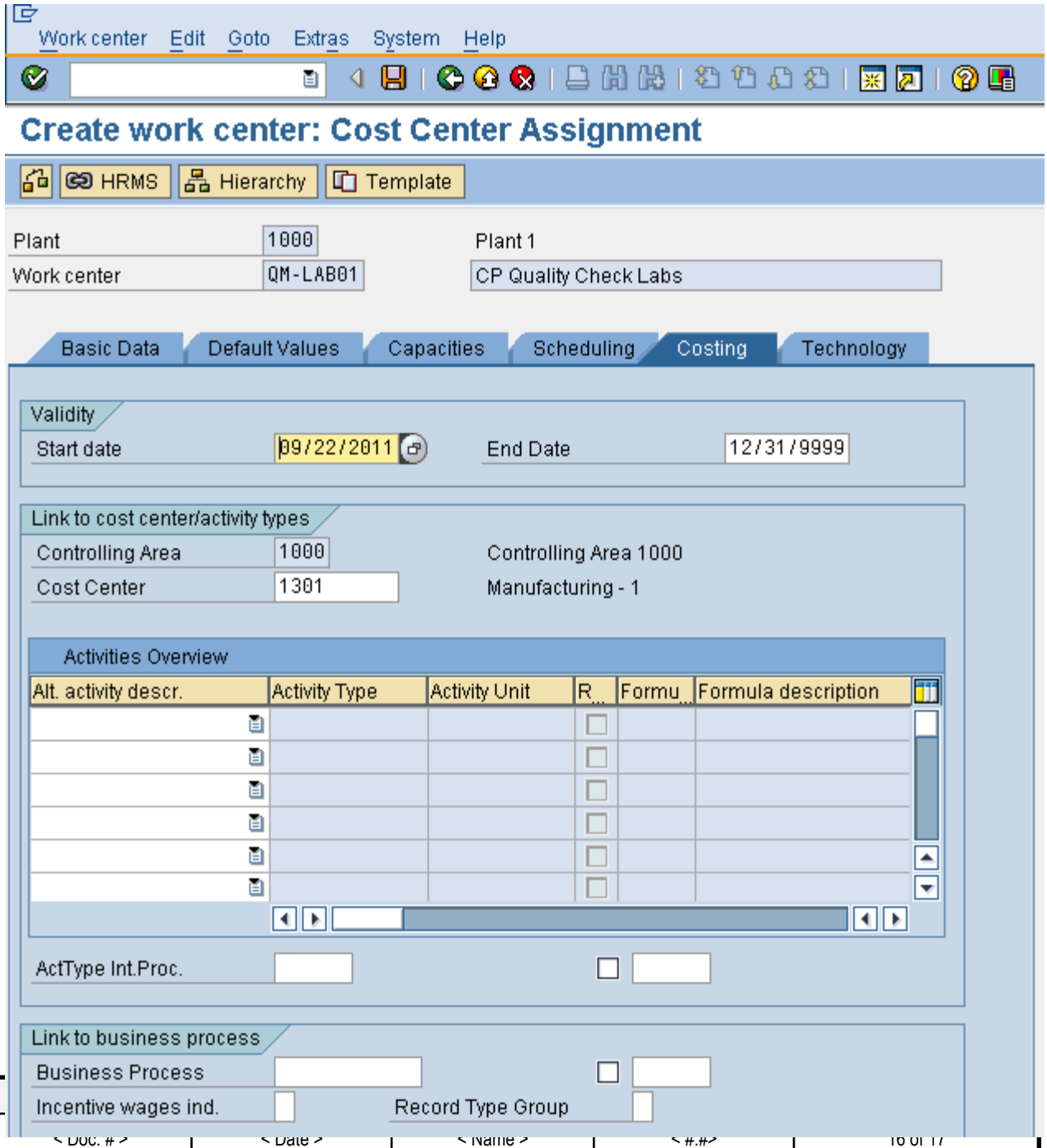

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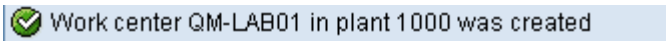
In the “costing” section cost centers/activity types are assigned and standard cost for various functions can be entered.

1.9 Steps after enter data in screen fields.

After entering all required and any additional data, select the [File Save Button].