



SAP Best Practices

System Configuration Document



Configuration Document – Quality Management

SAP ECC 6.0

for

Hindusthan Chemicals co

Mumbai/Surat

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**SAP Best Practices****System Configuration Document**

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English	



	Quality Management
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Configuration Guide



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**Configuration Guide****Purpose****Use**

This configuration guide provides the information you need to set up the configuration manually.

1. Maintain Settings at Plant Level**1.1 Use**

This task allows you to maintain the QM settings at the plant level.

1.2 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	SPRO
IMG Menu	<i>Quality Management --> Basic Settings --> Maintain Settings at Plant Level</i>

2. On the *Change View "Plant-Dependent QM Settings": Details* screen, choose *New Entries*.
3. On the *New Entries: Details of Added Entries*, the following entries for each plant are maintained:

Plant	1000
-------	------

Master insp.characs with history	
Inspection methods with history	

Enter container at GR	Recording of the number of containers required
InspTypeForinspStok	0800

Order type: Ind. settlement	QL02
Order type: Coll. settlement	QL01

Lot inspection	
Free Inspection pts	
Plant maintenance	



Configuration Guide

Sample management	
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Characteristic weight.	Major characteristic A
Defect class	02

Summ.recording for n=1	X
Limit marginal classes	X
Additional decimal places	1
Samples: start value	1
Plausibility factor (%)	200
Phys.-samp.interval	1
Recording configuration	Automatic close
Message cat. DecimalPlaces	No Message

InspPt.field combination	100
Partial-lot assign.	2 Partial Lots batch for each insp points

Plant	
Selected set	
Code	
Code group	

Controlling area	1000
Cost center scrap	
Cost center Destroyed	
Stor.loc.forreserves	



Configuration Guide



Delay time for skip lot	1560
Waiting time (hrs)	25
Waiting time (mins)	60

Batch valuation without material spec	X
---------------------------------------	---

Selection time period	100
-----------------------	-----

4. Choose save.

1.3 Result

General settings for plants are maintained

2. Define Catalog Types

2.1 Use

This task allows you to define the catalog types.

2.2 Procedure



Configuration Guide

1. Access the activity using one of the following navigation options:

Transaction Code	SPRO
IMG Menu	Quality Management --> Quality Planning --> Basic Data --> Catalog --> Define Catalog Types

2. On the *Change View "Catalog Types": Overview* screen, select the line for Catalog 3 and the following settings are maintained:

Catalog type data				
Catalog	3	1	D	5
Short text	Usage decisions	Characteristic attributes	Coding	Causes
Keyword	Decision	Attribute	Coding	Cause
Selected sets allowed	X	X		
Valuation required	X	X		
Deactivate				
Follow-up action				

2.3 Result

Catalog type has been defined

3. Create Code Groups for Catalogs

3.1 Use

This task allows you to edit the catalogs.

3.2 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	QS41
------------------	------



Configuration Guide

IMG Menu	<i>Quality Management --> Quality Planning --> Basic Data --> Catalog --> Edit Catalogs</i>
-----------------	---

2. On the screen *Choose Activity*, choose *Edit Code Groups and codes*.
3. On the *Edit Catalog: Initial Screen* select "1" for *Catalog* and "*" for *Code group* and choose the pushbutton *Create/change (F7)*.
4. On the *Change View "Code Groups": Overview* screen, choose *New Entries (F5)*.
5. On the *New entries: Overview of added Entries* screen, the following entries are maintained:

Code group	Short text	Status of code group
QCGR	Quality Code Group	Released

6. Choose *Save (Ctrl+S)*.
7. On the screen *Choose Activity* choose *Edit Code Groups and codes* again.
8. On the *Edit Catalog: Initial Screen* select "1" for *Catalog* and "*" for *Code group* and choose the pushbutton *Create/change (F7)*.
9. On the *Change View "Code Groups": Overview* screen, mark the row with the *Code group* on the right-hand side of the screen and choose codes with a double-click.
10. On the *Change View 'Codes': Overview* screen choose *New Entries - F5* button and the following entries are maintained, after entering the settings for the code group go back twice to the screen *Change View "Code Groups"*:
11. Overview and select the next code group. Repeat this for all code groups from the step before.
12. Following codes are created

A	R
Accepted	Rejected

Choose *Save*.

13. Access the activity using one of the following navigation options:

Transaction Code	QS41
IMG Menu	<i>Quality Management --> Quality Planning --> Basic Data --> Catalog --> Edit Catalogs</i>



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14. On the screen *Choose Activity*, choose *Edit Code Groups and codes*.
15. On the *Edit Catalog: Initial Screen* select "3" for *Catalog* and "*" for *Code group* and choose the pushbutton *Create/change (F7)*.
16. On the *Change View "Code Groups": Overview* screen, choose *New Entries (F5)*.
17. On the *New entries: Overview of added Entries* screen, the following entries are maintained:

Code group	Short text	Status of code group
QMUD	UD Code	Released

18. Choose *Save (Ctrl+S)*.
19. On the screen *Choose Activity* choose *Edit Code Groups and codes* again.
20. On the *Edit Catalog: Initial Screen* select "3" for *Catalog* and "*" for *Code group* and choose the pushbutton *Create/change (F7)*.
21. On the *Change View "Code Groups": Overview* screen, mark the row with the *Code group* on the right-hand side of the screen and choose codes with a double-click.
22. On the *Change View 'Codes': Overview* screen choose *New Entries - F5* button and the following entries are maintained, after entering the settings for the code group go back twice to the screen *Change View "Code Groups"*:
23. Overview and select the next code group. Repeat this for all code groups from the step before.
24. Following codes are created

A	R	C	D	E
Accepted	Rejected	Accepted for Reprocessing	Accepted Under Deviation	Partial Approval

25. Choose *Save*.

4. Edit Selected Sets Code Groups/Codes

4.1 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	QS51
IMG Menu	Quality Management ☞ Quality Planning ☞ Basic Data ☞ Catalog ☞ Edit Catalogs



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2. On the screen *Choose Activity*, choose *Edit Selected Sets*.
3. On the screen *Edit Selected Sets: Initial Screen* select "1" for *Catalog*, "0100" for *Plant* and "*" for *Code group* and choose the pushbutton *create/change* (F7).
4. On the *Change View "Selected sets": Overview* screen, choose *New Entries* (F5).
5. On the *New entries: Overview of added Entries* screen, the following entries are maintained:

Selected set	Short text	Status
QCGR	Quality Code Group	Released

6. Choose *Save*.
7. On the screen *Choose Activity* choose *Edit Selected Sets* again.
8. On the screen *Edit Selected Sets: Initial Screen* select "1" for *Catalog*, "0100" for *Plant* and "*" for *Code group* and push the pushbutton *create/change* (F7).
9. On the *Change View "Selected sets": Overview* screen, choose mark the row with the selected set in the right side of the screen and choose selected set codes by executing a double click.
10. On *Change View "Selected set codes" overview* screen Choose *New Entries - F5* button and the following entries are maintained, after entering the settings for the selected set code go back twice to the screen *Change View "Selected sets": Overview* and select the next selected set. Repeat this for all selected sets from the step before.

Selected set codes QCGR		
Code group	QCGR	QCGR
Code	A	R
Short text for code	Accepted	Rejected
Code Valuation	A Accepted	R Rejected
Defect Class		02 Major defect A

11. Choose *Save*.

5. Number Range for Inspection Characteristics

5.1 Use

This task allows you to define the number range for the inspection characteristics.

5.2 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	QS29 for Inspection characteristics
------------------	-------------------------------------



Configuration Guide

IMG Menu

Quality Management ☾ *Quality Planning* ☾ *Basic Data* ☾
Inspection Characteristic, *Inspection Method* ☾ *Define*
Number Range

- On the screen *Choose Activity* choose *Number Ranges for Inspection Characteristics*.
- On the screen *Master-inspection characteristics in QSS*, choose "0100" for plant and press the pushbutton *Change Intervals*.
- On the screen *Maintain number range Intervals* press the pushbutton *Insert Interval (Shift+F1)*.
- On the screen *Insert Interval* the following entries are maintained:

NO (Number range number)	From number	To number	External
1	50000000	59999999	

- Choose *Insert (Enter)*.
- Choose *Save*.
- Confirm the dialog box *Transport number range intervals*.

5.3 Result

Number ranges has been maintained for plants

6. Maintain Profile for Default Values

6.1 Use

This task allows you to maintain the default values for the standard returns and profiles.

6.2 Procedure

- Access the activity using one of the following navigation options:

Transaction Code	OQ85 for default values plan/charac
IMG Menu	<i>Quality Management</i> ☾ <i>Quality Planning</i> ☾ <i>Inspection Planning</i> ☾ <i>General</i> ☾ <i>Maintain Profiles for Default Values</i>



Configuration Guide

- On the screen *Choose Activity* choose *Profile: default values plan/general*.
- On the screen *Change View "Default Values for Routings": Detail*, choose *New Entries*.
- Make the following entries are maintained:

Profile	Text for profile
0000001	Profile no. 1

- Choose *Save*.
- Choose *Back* twice.
- On the screen *Choose Activity* choose *Profile: default values plan/charac*.
- On the screen *Change View "Default Values for quality Assurance": Overview*, mark the profile 0000001 and choose *Detail* (Ctrl+Shift+F2) and the following entries are maintained:

Profile 0000001		
General data		
Char.incremen		10
Assign.incrmnt		5
Sample unit		
Ch.insrt incr.		2
Base smpl. qty		1

- Choose *Save*.

6.3 Result

Default values have been maintained for the profile.

7. Define Control Keys

7.1 Use

This task allows you to Define Control Keys.

7.2 Procedure

- Access the activity using one of the following navigation options:

Transaction Code	SPRO
IMG Menu	Quality Management ☰ QM in Logistics ☰ QM in Procurement ☰ General ☰ Define Control Keys



Configuration Guide

- On the screen *Choose new entries*.
- Make the following entries are maintained:

QM control Key	Short text	Release Required	Cert. required	Block Invoice	Message mode	GR for rejection	GR control /Batch
0007	Del. release, invoice block	X	X	X	Warning	X	L

- Choose *Save*.

7.3 Result

Control key defined for procurement.

8. Assign Task List Types to Material Types

8.1 Use

This task allows you to Assign Task List Types to Material Types.

8.2 Procedure

- Access the activity using one of the following navigation options:

Transaction Code	SPRO
IMG Menu	<i>Quality Management</i> º <i>Quality Planning</i> º <i>Inspection Planning</i> º <i>General</i> º <i>Assign Task List Types to Material Types</i>

- On the screen *Choose new entries*.
- Make the following entries are maintained:

Task list type	Description	Material type	Description
Q	Inspection Plan	FERT	Finished Product



Configuration Guide

Q	Inspection Plan	HALB	Semifinished Product
Q	Inspection Plan	HAWA	Trading Goods
Q	Inspection Plan	KMAT	Configurable materials
Q	Inspection Plan	NLAG	Non-stock materials
Q	Inspection Plan	ROH	Raw materials
Q	UNBW	UNBW	Nonvaluated materials
Q	Inspection Plan	VERP	Packaging

4. Choose *Save*.

8.3 Result

Assign Task List Types to Material Types have been maintained.

9. Define Notification Types

9.1 Use

This task allows you to Define Notification Types.

9.2 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	SPRO
IMG Menu	<i>Quality Management</i> ⌵ <i>Quality Notifications</i> ⌵ <i>Notification Creation</i> ⌵ <i>Notification Type</i> ⌵ <i>Define Notification Types</i>

2. On the screen *Choose new entries*.

3. Make the following entries are maintained:

Notification type	F1 Customer-Rel. Defect	F2 Vendor-Rel. Defect	F3 Material-Rel. Defect
Notification cat.	02 Quality Notification	02 Quality Notification	02 Quality Notification



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Notification origin	Q1 Customer Complaint	Complain against vendor	Q3 Internal problem message
Catalog profile	QM0000001	QM0000001	QM0000001
Update group (stats)	32 QMIS: QM Notification Compression to Customer Analysis	33 QMIS: QM Notification Compression to Vendor Analysis	34 QMIS: QM Notification Compression to Material Analysis
Number range	02	02	02

Notification type	Q1 Customer-Rel. Defect	Q2 Vendor-Rel. Defect	Q3 Material-Rel. Defect
Notification cat.	02 Quality Notification	02 Quality Notification	02 Quality Notification
Notification origin	Q1 Customer Complaint	Complain against vendor	Q3 Internal problem message
Catalog profile	QM0000001	QM0000001	QM0000001
Update group (stats)	32 QMIS: QM Notification Compression to Customer Analysis	33 QMIS: QM Notification Compression to Vendor Analysis	34 QMIS: QM Notification Compression to Material Analysis
Number range	02	02	02

4. Choose *Save*.

9.3 Result

Notification Types have been maintained.



10. Define Number Ranges

10.1 Use

This task allows you to Define Number Ranges.

10.2 Procedure

1. Access the activity using one of the following navigation options:

Transaction Code	IW20
IMG Menu	<i>Quality Management</i> ⌵ <i>Quality Notifications</i> ⌵ <i>Notification Creation</i> ⌵ <i>Notification Type</i> ⌵ <i>Define Number Ranges</i>

2. On the screen *Choose new entries*.
3. Make the following entries are maintained:

Notification type	From	To	External
F1	000200000000	000299999999	
F2	000200000000	000299999999	
F3	000200000000	000299999999	
Q1	000200000000	000299999999	
Q2	000200000000	000299999999	
Q3	000200000000	000299999999	

4. Choose *Save*.



10.3 Result

Notification Types number range have been maintained.