

Creating a User Profile that Prevents the UD When the Result Recording is Incomplete



Applies to:

SAP QM Consultants, SAP ECC 6.0. For more information, visit the [Supply Chain Management homepage](#).

Summary

When the Result Recording is not carried out or incomplete while doing the UD (user decision), the system should not be allowed to do UD. These are the steps needed to setup a user profile that prevents the UD from running for when the Result Recording is incomplete.

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Introduction

Abbreviations Used

- TC → Transaction Code
- RR → Result Recording
- UD → Usage Decision

Requirement

When the RR (TC: QE01) is not carried out or incomplete, the system should prevent the UD activity (TC: QA11).

Procedure

User Profile, "QM_UDZ10" is created with two statuses namely (1) INIT and (2) QFIN. Please note that these User Profile Statuses appear in Record Usage Decision Screen (TC: QA11).

At least one MIC, having the control parameter as "Required Characteristic", must be used. In case the Inspection Plan does not have such MIC, Create a Dummy MIC with "Required Characteristic" and assign as a first MIC in the Inspection Plan.

Case1: First Status - INIT

In Result Recording Screen (TC: QE01), MIC may have the status 1 or 2 or 3 (1-Must be processed, 2-Processed and 3-Valuated).

Use TC: QA11.

In Case1. User Profile status "INIT", appears in "Record Usage Decision" (TC: QA11) screen.

System will not allow to select the Usage Decision Code.

Hence the system prevents the UD activity.

Case2: Second Status – QFIN`

In Result Recording Screen (TC: QE01), MIC may have the status 5 (5-Processing is completed).

Use TC: QA11.

In Case2. User Profile status "INIT", appears in "Record Usage Decision" (TC: QA11) screen.

System will allow to select the Usage Decision Code.

Select the UD Code.

Enter.

User Profile Status "INIT" is automatically changed to User Profile Status "QFIN".

Save the entry.

UD is successfully carried out.

How to Setup the Profile

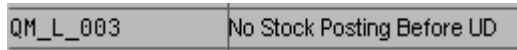
Use transaction code BS02

Step 1

Create user profile QM_UDZ10 using the TC.: BS02.



I have created a user status profile, copying SAP Std. STATUS PROFILE - QM_L_003 and named it as "QM_UDZ10".



System Status Profile - QM_L_003 is used to block the UD.

(No Stock Posting Before UD)

Step 2

Create two user statuses namely (1) INIT and (2) QFIN

Change Status Profile: User Status

Object Types

Status Profile: QM_UDZ10 BLOCK UD,IF RR IS NOT DONE

Maintenance Language: EN English

Status Num	Status	Short Text	Long	Init. sta	Low	High	Position	Priority	Auth. code
1	INIT	RR NOT DONE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	10	1	1	
2	QFIN	RR AND UD DONE	<input type="checkbox"/>	<input type="checkbox"/>	2	20	1	1	

First Status "INIT"

Status Number: 1
 Status: INIT
 Short Text: RR NOT DONE
 Initial Status Check Box : Activated
 Lowest status: 1
 Highest status: 10
 Position: 1
 Priority: 1

Second Status "QFIN"

Status number: 2
 Status: QFIN
 Short text: RR AND UD DONE
 Initial status check box: Do not activate
 Lowest status: 2
 Highest status: 20
 Position: 1
 Priority: 1

Step 3**Define the Transaction Control for each status.**

Double click the First status "INIT", we get the "Change Status Profile: Transaction Control" screen:

Change Status Profile: Transaction Control

Status Profile: QM_UDZ10 BLOCK UD,IF RR IS NOT DONE
 Status: INIT RR NOT DONE

Transaction Control

Business Transaction	Influence				Next action		
	No influe	Allowed	Warning	Forbidd.	No action	Set	Delete
Make usage decision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
Record inspection results	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			

INIT Status has two business transactions.

1. Make usage decision with "Forbidd." and "No action" settings.
2. Record Inspection results with "Allowed" setting.

Go back and double click the second status "QFIN".

Change Status Profile: Transaction Control

Status Profile: QM_UDZ10 BLOCK UD,IF RR IS NOT DONE
 Status: QFIN RR AND UD DONE

Transaction Control

Business Transaction	Influence				Next action		
	No influe	Allowed	Warning	Forbidd.	No action	Set	Delete
Close inspection - complete	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Complete insp. - short-term	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Start inv. pstg bef. UsageDec	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	

QFIN status has three business transactions.

1. Close Inspection – Complete with "Allowed" and "Set" setting.
2. Complete insp. – short-term with "Allowed" and "Set" setting.
3. Start inv.posting before Usage Dec, with "Forbidd." and "No action" setting.

Step 4

Assign the user status profile “QM_UDZ10”, to the Inspection Type Z10 in customization.

Img → Quality Management → Quality Inspection → Inspection Lot Creation → Maintain Inspection Type.

Change View "Inspection types": Overview

InspType	Short text
CHEMICAL	GR Insp. for IB Laboratory Chemicals
Z1	MANUAL INSPECTION TYPE FOR INVENTORY
Z10	1000Goods Receipt Insp. for IB CHEMICALS

Select Z10 and click  (Details Ctrl + Shift + F2)

Change View "Inspection types": Details

Inspection Type: Z10 Goods Receipt Insp. for IB CHEMICALS

Inspection lot processing

Status profile: QM_UDZ10

Order type:

Print control

Print sample drawing instr. immed.

Print insp. instruction immediately

User Status Profile “QM_UDZ10” is assigned to the Inspection Type Z10.

Step 5

The required materials are assigned with Inspection Type Z10 in the Quality Management View.

Step 6

Identify all the materials for which the Inspection Type Z10 is assigned.

Create Inspection Plant for all those materials.(TC:QP01)

Usage is 5 → Goods Receipt.

Status is 4 → Released General.

Step 7

If the task list (Inspection Plan) contains at least one MIC having the required characteristic (control parameter setting),

→ this step 7 is not required → Dummy MIC need not be created.

In Inspection Plan, at least one MIC having the control parameter as “Required Characteristic” must be used.

If required, create Dummy MIC.

Create Dummy Master Inspection Characteristic with Control Parameter Setting as Required Characteristic.

Create and assign dummy MIC.

Create one Qualitative Dummy MIC → INVDUMMY

Assign the Selection Set to the Dummy MIC.

Most important → the control parameter of Dummy Qualitative MIC is given below.

Control Parameter Details.

S.No.	Control Title	Requirement
1	Type	Characteristic Attribute
2	Sample	Sampling Procedure
3	Results Confirmation	Required Characteristic(This is a must) & Single Result
4	Inspection Scope	Fixed Scope
5	Documentation Confirmation	No Documentation
6	Miscellaneous	-
7	Print	As per requirements

Step 8

If the task list (Inspection Plan) contains at least one MIC having the required characteristic (control parameter setting)

→ this step 8 is not required → Dummy MIC need not be assigned.

In case, the Inspection Plan does not contain any MIC having the required characteristic (control parameter setting),

Assign the Dummy Characteristic as first MIC to the Inspection Plan.

Execution

Case 1

RR Not Done or Partially Done – User Profile Status – INIT.

In Result Recording Screen (TC: QE01), All MICs may have the status 1 or 2 or 3 (1-Must be processed, 2-Processed and 3-Valuated).

Use TC: QA11.

In Case1. User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen. System will not allow to select the Usage Decision Code. Hence the system prevents the UD activity.

Case 2

RR Done. All MIC statuses in Result Recording Screen (TC: QE01/QE02) are set to

→ 5-Processing is completed - User Profile Status – QFIN.

In Result Recording Screen (TC: QE01), All MICs statuses are set to5.

→ 5-Processing is completed.

Use TC: QA11.

In Case2. User Profile status “INIT”, appears in “Record Usage Decision” (TC: QA11) screen.

System will allow to select the Usage Decision Code.

Select the UD Code.

Enter.

User Profile Status “INIT” is automatically changed to User Profile Status “QFIN”.

Save the entry.

UD is successfully carried out.

Related Content

For more information, visit the [Supply Chain Management homepage](#).

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