

Guidelines for Creating a QM Certificate for Delivery in Product Lifecycle Management



Applies to:

This applies to all QM functional consultants looking for Creation of Certificates for Delivery to Customer. For more information, visit the [Product Lifecycle Management homepage](#).

Summary

This document aims in explaining the detailed step for creating QM certificate for delivery.

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Author Bio



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Creation of Certificate for Delivery

The setting required in configuration is discussed first

Configuration Settings

Maintain Certificate Type

Path: SPRO > QM > Quality Certificates > Certificate Profile > Define Certificate Types

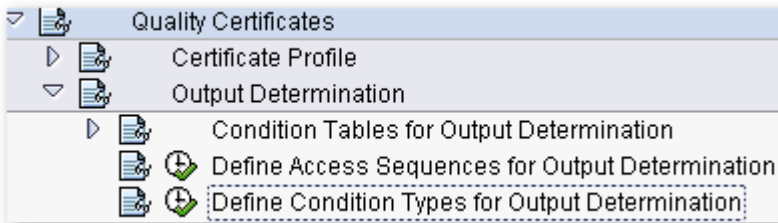


In this step, you define the certificate types

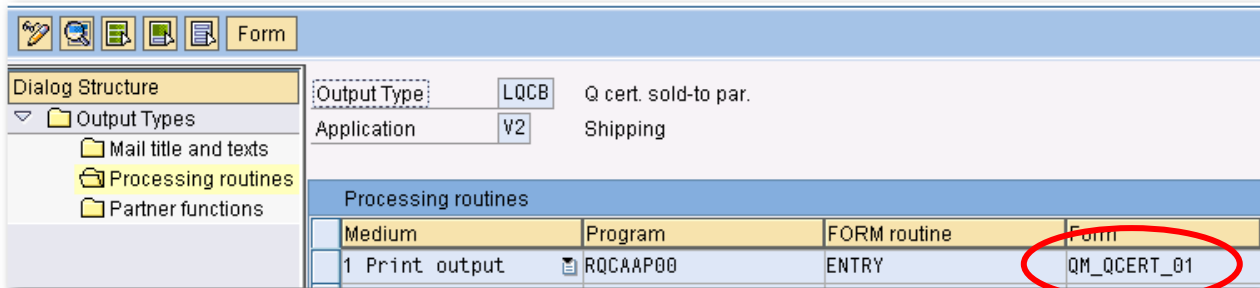
CType	Short text
E21	Cert. of conformity "2.1" EN 10204
E22	Test certif. "2.2" EN 10204
E23	Works test certif. "2.3" EN 10204
E31A	Insp. certificate "3.1.A" EN 10204
E31B	Insp. certificate "3.1.B" EN 10204

Define Condition Types for Output Determination

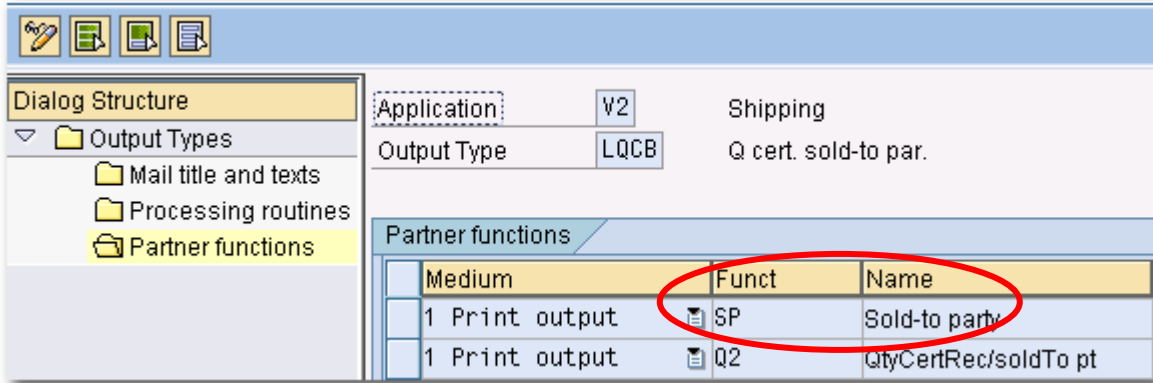
Path: SPRO > QM > Quality Certificates > Output Determination > Define Condition Types for Output Determination



Maintain for LQCB Output Type the Form

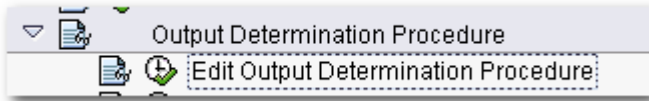


Maintain partner Functions for LQCB Output Type

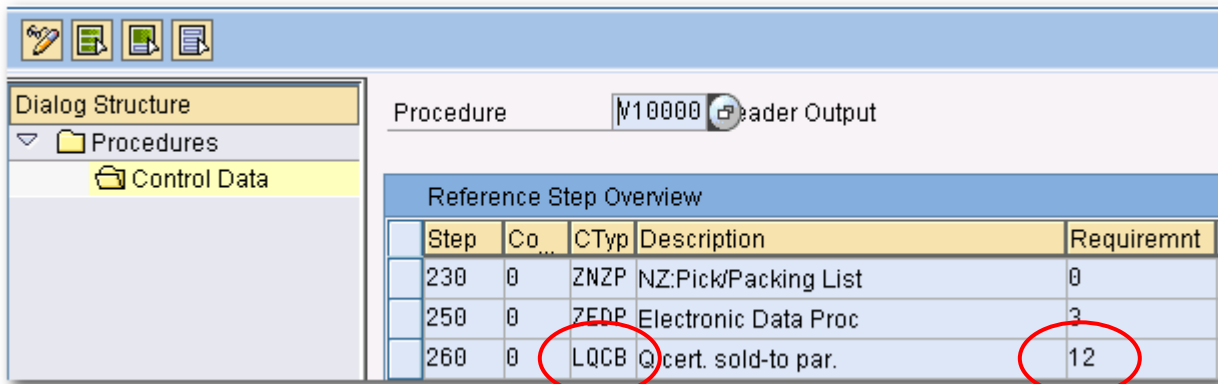


Edit Output Determination Procedure

Path: SPRO > QM > Quality Certificates > Output Determination > Output Determination Procedure > Edit Output Determination Procedure



For header Output Maintain Output Type LQCB



Details of Material

Batch2: Finished Product

Batch1: Raw Material

Batch1 Material is Bill of Material for Batch2 Material

The certificate will be created which will include Final inspection (04 Inspection type) result of Batch2 Material and Incoming Inspection (01 Inspection Type) Results of Batch1 Material

Creation of Certificate Profile

Path: Logistics > Quality Management > Quality Certificate > Outgoing > Certificate Profile (QC01)

Input the Certificate Profile Name and certificate Type

Create Certificate Profile:

Header Data

Cert. profile	CERTPRINT
CertificateType	E21

Enter the Layout Name, Search Field & Short Text. Click on Material Tab to maintain the Material Reference

Characteristics Materials... Certificate View ...

Cert. profile	CERTPRINT	Version	1
CertificateType	Cert. of conformity "2.1" EN 10204		
Assigned layout set			
Name	QM_QCERT_01		
<input type="checkbox"/> No PDF			
General data			
System Status		UserStatus	
Search field	TCD		
Short text	Test Certificate for Delivery		
Create long text	EN English		

Maintain Material Reference and Data Origin

Click on Material Tab to maintain the Material Reference and Data Origin

Maintain Selection Criteria and Material Sequence						
Data origin for characs. from insps.						
No.	Material	Description	O	Insp. Type	A	Mi...
1	BATCH1	batch1	01	01		

Maintain Characteristic

Click on Characteristic Button to maintain the Inspection characteristic

Create Certificate Profile: Characteristic Data																			
Characteristics Materials... Certificate View... Assignments...																			
Cert. profile		CERTPRINT		Version		1													
CertificateType		Cert. of conformity "2.1" EN 10204																	
Cert. Chars																			
Nu	Category	Short text	Plant	Master in	V	C	Result set	Result origin	Short text	Insp. spec. origin	Strategy f	Text ele	R	Material	Unit of	D	Output fo	B	N
1	1 Mast	MIC Raw Material	INAV	50000004			1 Summar	03 Inspection / batch	01 Mast	03 Material spe	01 Text	0001		1	mm	2	Actual		
2	1 Mast	MIC of Finished	MINAV	50000006			1 Summar	01 Inspection Result	01 Mast	01 Insp. speci	01 Text	0001			mm	2	Actual		

For the Batch1 Raw Material MIC you need to maintain the Result Origin as 03 (Inspection / batch from Production chain) and it is mandatory to maintain the Material Sort number which comes from Material Reference that was maintained earlier

Release the Certificate Profile

Release the Certificate Profile and Save

Create Certificate Profile: Header Data			
Release Characteristics Materials... Certificate View...			
Cert. profile		CERTPRINT	
Version		1	
CertificateType		Cert. of conformity "2.1" EN 10204	
Assigned layout set			
Name		QM_QCERT_01	
<input type="checkbox"/> No PDF			

Certificate profile CERTPRINT E21, version 1, will be saved

Create Certificate Assignment

Path: Logistics > Quality Management > Quality Certificate > Outgoing > Assignment (QC15)

Assignment type Copy Assgnmt.

- Key Combination
- Material/Customer
- Material
- Material Group

Choose Material / Customer Assignment

Create Copy Assgnmt. (QCA1) - Quick Entry

Valid From Valid to

Material/Customer

Material	Customer	Name	Profile	CTyp	VersNo
BATCH2	2100000028	motor 350 cc	CERTPRINT	E21	1



Input the Material, Customer, Certificate Profile

Create Certificate Recipient

Path: Logistics > Quality Management > Quality Certificate > Outgoing > Certificate Recipient (VV21)

Output Type LQCB Q cert. sold-to par.

Maintain Customer, Partner Function , Partner, Medium , Date/ Time and Language

Communication  

Sales Organization IN01 ABB India Sales Org.

Condition Recs.

Customer	Name	Funct	Partner	M...	Date/Time	Lang...
2100000028	ITC Limited	SP	2100000028	1	3	EN

Click on Communication Button and maintain the Printer and Form Details

Print output

Output Device LOCL Print immediately

Number of messages Release after output

Spool request name

Print settings

Layout module

Form QM_QCERT_01

SmartForm

Details of Result Recording

Result Recording of Batch1 Material

Material BATCH1 batch1 Batch 0000000017

Insp. Lot 10000000230

Oper./Act. 0010 P1nt INAV

General Summarized Indicators Measured values Overview

Force Further details...

Ac	R	S	InfoF	Short text for the ins...	Specifications	Inspect	Inspected	Si	Result	Original Val	Va	De
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5		MIC Raw Material (Tes	10 .. 20	1	1		= 17.0	17		<input checked="" type="checkbox"/>

Result Recording of Batch2 Material

Material BATCH2 motor 350 cc Batch 0000000018

Insp. Lot 40000000055

Oper./Act. 0010 testing P1nt INAV

Order 1000000109

General Summarized Indicators Measured values Overview

Force Further details...

Ac	R	S	InfoF	Short text for the ins...	Specifications	Inspect	Inspected	Si	Result	Original Val	Va	Defect cl
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5		MIC of Finished Materi	90.00 .. 150.00 mm	1	1		= 130.000	130		<input checked="" type="checkbox"/>

Creation of Delivery

Delivery created for Sales order for Batch2 Material

Outbound deliv. 6000010209 Document Date 2009.07.17
 Ship-to party 2100000028 ITC Limited / 567 / 787878 Maneja

Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time 2009.07.17 00:00 OvrllPickStatus C Fully picked
 Warehouse No. OverallWMStatus No WM trnsf ord reqd

Item	Material	Plnt	SLoc	Deliv. Qty	Un	Picked Qty	Un	Batch
10	BATCH2	INAV	MN01	1	PC	1	PC	0000000018

Update Batch Where Used List

Path: Logistics > Materials Management > Inventory Management > Environment > Batch Where-Used List > Build Up (MB57)

Compile batch where-used file

Database selection
 Posting date 2009.07.17 to 2009.07.17

Other database selections
 Material document number to
 Material document year to

Plnt	Material	Batch	Order	Purch.order	Mat.document	MYear	Qty	Un
INAV	BATCH1	0000000017		3191000025	5000000132	2009	50	+ PC
INAV	BATCH2	0000000018	1000000109		5000000133	2009	1	+ PC
INAV	BATCH1	0000000017	1000000109		4900000400	2009	1	- PC
INAV	BATCH2	0000000018			4900000402	2009	1	- PC

Updated Batch Where used list

Quality Certificate for Delivery

Path: Logistics > Quality Management > Quality Certificate > Outgoing > Certificate Creation (QC20)

Quality Certificates for Deliveries

My Default

Output

Output type	LQCB	to	<input type="text"/>	
Transmission medium		to	<input type="text"/>	
Sort order	01			
Processing mode	1			

Deliveries

Shipping point	INAV	to	<input type="text"/>	
Delivery	6000010209	to	<input type="text"/>	

Output from Deliveries

Delivery	Item	Out.	Med	Role	Name 1	City	ShPt	Deliv.date	GI Date
<input type="checkbox"/> 6000010209		LQCB	1	AG	ITC Limited	Maneja	INAV	2009.07.17	2009.07.17
<input checked="" type="checkbox"/> 6000010209	10	LQCB	1	AG	ITC Limited	Maneja	INAV	2009.07.17	2009.07.17

Print Preview of LOCL Page 00001 of 00001

Company
 ITC Limited
 567

 787878 Maneja

Quality certificate

Test printout
 Date
 17.07.2009
 Purchase order item/date
 2245 / 22.06.2009
 Delivery item/date
 6000010209 000010 / 17.07.2009
 Order item/date
 4200000283 000010 / 17.07.2009
 Customer number
 2100000028

Material: Our / Your reference
 BATCH2 motor 350 cc /

This product was produced in accordance with the guidelines ... and monitored in every manufacturing stage.

Batch 0000000018 / Quantity 1 PC

Inspection lot 40000000055 from 17.07.2009

Characteristic	Unit	Value	Lower Limit	Upper Limit
MIC Raw Material (mm	17.00	10.00	20.00
MIC of Finished Ma	mm	130.00	90.00	150.00

Related Content

For more information, visit the [Product Lifecycle Management homepage](#).

<https://www.sdn.sap.com/irj/sdn/index>

www.help.sap.com

<https://wiki.sdn.sap.com/wiki/display/PLM/Home>

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