

# How to Create Master Inspection Characteristic in SAP

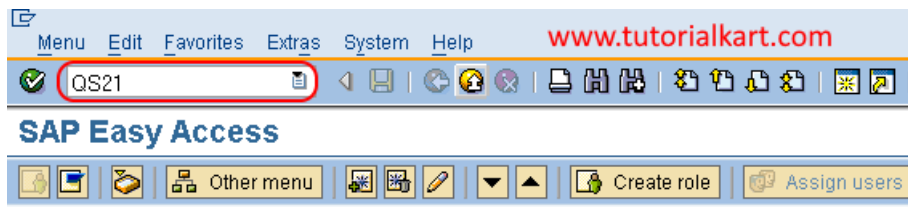
## Create Master Inspection characteristic in SAP

In this SAP tutorial, you will learn how to define master inspection characteristic in SAP for certificate profile.

SAP Tcode	QS21
SAP Path	SAP Menu > Logistics > Quality Management > Quality Planning > Basic Data > Inspection Characteristic > Create

Configuration steps

Step 1: Execute transaction code “[QS21](#)” in the SAP command field.



Step 2: In next screen, “Create Master Inspection Characteristic: Initial Screen” enter the following details.

- Plant: Enter the plant code for which inspect characteristic that you are creating for.
- Master Insp.charac.: Enter new key that defines as master inspection characteristic in SAP.

### Create Master Inspection Characteristic: Initial Screen

Master inspection characteristic

www.tutorialkart.com

Plant	TKBL
Master insp.charac.	CONDT
Valid From	31.05.2019

Class characteristic

Template

Plant	<input type="text"/>
Insp. Characteristic	<input type="text"/>
Key date	<input type="text"/>
Version	<input type="text"/>

Step 3: In next screen, “Create master inspection characteristic general data” update all the required details

- Control data: Check the option quantitative characteristic
- Status: Update status as “Released” and Complete copy model”

- Short: Update short description of inspection characteristic
- Search field: Update the key for search field
- Description: Update the descriptive description of inspection characteristic.

### Create Master Inspection Characteristic: General Data

**Control indicators** Time axis

Mstr insp.char.  Plant

Class char.

Qualitative insp. char., Summarized recording, Optional char., ScpNotFixed

**Control data**

Preset indicators   Quantitative charac.  Qualitative charac.

**General information**

Status	Released		Complete copy model	
Language Key	EN			
Short text	Condition			
Search field	COND			
Int. char. descrip.	CONDITION			

Other languages       Classification  
 SampDraw text       Inspection Methods  
       Catalogs

**Additional information**

Authorization group

Inspector qualif.

Fraction calculation

Weighting of charac.

**Info fields**

InfoField 1

InfoField 2

InfoField 3

After entering all the required details, click on control indicators.

Step 4: In next screen "Edit characteristic control indicators, check the required options for

- Type
- Sample
- Results Confirmation

Edit Characteristic Control Indicators

Quantitative characteristic [www.tutorialkart.com](http://www.tutorialkart.com)

Type

Lower specif. limit       Upper specif. limit

Check target value

Sample

Sampling procedure       Additive sample

SPC characteristic       Destructive insp.

Results confirmation




Summ.recording       Required char.

Single result       Optional char.

No charac. rec.       After accept.

Classed recording       After rejection

Defects recording

In next continuous screen, choose the required fields and press enter to continue.

Edit Characteristic Control Indicators

Quantitative characteristic

Insp. scope

Scope not fixed

Fixed scope

Smaller scope

Larger scope

Docu. confirmation

No documentation

Docu. if rejected

Docu. required

Miscellaneous

Long-term inspection       Record measured vals

Scrap share/ q-score

RR change docs

Test-equi assignment

Print

Print

Do not print




Do not print at skip

Formula

No Formula

Calc. charac.

Input Processing

**Step 5:** A tolerance keys screen displays to enter the tolerance details, press enter to continue for entering the required details for tolerance.

**Tolerance Keys**

Tolerance key	<input type="text" value=""/>
Decimal places	<input type="text" value="0"/>
Unit of measurement	<input type="text" value=""/>
Target value	<input type="text" value=""/>
Upper specif. limit	<input type="text" value=""/>
Lower specif. limit	<input type="text" value=""/>

✓ ✗

In next screen quantitative data, update the required detail like measurement unit, target value, lower limit, upper limit, etc as per requirements.

**Quantitative Data**

Decimal places	<input type="text" value=""/>	Msmt unit	<input type="text" value="%"/>	Target value	<input type="text" value="100"/>
Tolerance key	<input type="text" value=""/>				
Lower spec. lmt	<input type="text" value="90"/>	Upper Limit	<input type="text" value="110"/>		
LoPlaus. limit	<input type="text" value=""/>	UpPlaus. limit	<input type="text" value=""/>		
ToIChg val frm	<input type="text" value=""/>	ToIChg valid to	<input type="text" value=""/>		
LowerSpecLmtChg	<input type="text" value=""/>	UpperSpecLmtChg	<input type="text" value=""/>		
1st lower limit	<input type="text" value=""/>	1st upper limit	<input type="text" value=""/>		
2nd lower limit	<input type="text" value=""/>	2nd upper limit	<input type="text" value=""/>		

✓ ✗

After updating all the required details of quantitative data, press enter to continue.

Now after maintaining all the required details for master inspection characteristic, choose save icon and save the configured details in [SAP](#).

Master inspection characteristic | Edit | Goto | Extras | Environment | Basic data | System | Help

Control indicators | Time axis

Mstr insp.char. CONDT | Plant TKBL

Class char.

Quantitative char. (lower/upper tolerance), Summarized recording, Required char., Fixed scope

Control data

Preset indicators |  Quantitative charac. |  Qualitative charac.

General information

Status Released | Complete copy model

Language Key EN

Short text Condition

Search field COND

Int. char. descrip. CONDITION

Other languages |  Classification

SampDraw text |  Inspection Methods

Quant. data |  Catalogs

Additional information

Authorization group

Inspector qualif.

Fraction calculation

Weighting of charac.


Info fields

InfoField 1

InfoField 2

InfoField 3

Successfully we have created inspection characteristic in SAP QM.

 Characteristic TKBL CONDT 31.05.2019 was created

## SAP QM Tutorial

▸ SAP QM Tutorial

## SAP QM - Organization Structure

▸ Define Plant

▸ Define Storage Location

## SAP QM - Master Data

▸ Material Master Data (QM View)

▸ Create Master Inspection Characteristic

▸ Define condition types for output determination

‡ An overview of inspection method

‡ Create an inspection method

‡ What are codes and what are code groups?

‡ How to create codes and code groups

‡ What is Catalog & how to create catalog

## SAP QM - Inspection Planning

‡ What is an Inspection Planning)

‡ Create Inspection Lot

‡ Create Inspection Plan

‡ Create sampling procedure

‡ Record results

## SAP QM - QM in Procurement

‡ An overview of QM in Procurement

‡ QM at goods receipt

‡ Create purchase order

‡ Goods Receipt Purchase Order

‡ Stock overview list

‡ QM during stock transfer

‡ Controls in Procurement

‡ Define control keys

‡ Create Quality info record

## SAP QM - QM in Production

‡ Create routing

‡ Create production order

‡ Goods receipt inspection after production

## SAP QM - QM in Sales & Distribution

‡ Quality inspection during delivery

‡ Create sales order

‡ Create delivery

‡ Goods issues

‡ Create return sales order

## SAP QM - Quality Certifications

‡ Define certificate types

- ‡ Define certification profile
- ‡ Create certificate assignment type
- ‡ Quality certificate for inspection lot

## SAP QM - Quality Control

- ‡ An overview of statistical process control (SPC)
- ‡ Define SPC criteria
- ‡ Planning control charts
- ‡ Create sampling procedure
- ‡ Control chart for inspection characteristic
- ‡ Define control chart type
- ‡ Define number ranges for SPC

## SAP QM - Quality Notifications

- ‡ An overview of quality notifications
- ‡ Create quality notification
- ‡ Define catalog profile
- ‡ Maintain catalog
- ‡ Define priorities
- ‡ Defects records for inspection lot
- ‡ Defects records for operation
- ‡ Defects record for characteristic

## SAP QM - Interview Questions & Answers

- ‡ SAP QM interview Questions Set 1
- ‡ SAP QM interview Questions Set 2
- ‡ SAP QM interview Questions Set 3
- ‡ SAP QM interview Questions Set 4