

# Quality Test Plan

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# Introduction

# Introduction

## **Overview**

1. Quality test plan master window is used to create the test plans. These test plans are used to check the product Quality.
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## **Business Case**

1. In a manufacturing company we can create the test plan for check the product quality,size and weight.(Ex : Weight test plan,Total Quality Check plan).
2. We can create multiple parameters in a quality test plan and use this test plan for the quality checking .
3. These type of quality checking are used in product incoming and outgoing places.

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# Quality Test Plan

The screenshot shows the 'Quality Test Plan' form in the Konnect Analytics application. The form is titled 'Quality Test Plan: Machine ...' and is part of a 'Summary' view. It includes a 'Data required' section with the following fields: 'Client' (set to 'Konnect Demo'), 'Organization' (set to 'Manufacturing Discrete'), 'Name' (set to 'Machine Test'), and 'Description' (empty). There are also checkboxes for 'Active' (checked), 'Verified' (unchecked), 'User Decision Allowed' (unchecked), and 'AutoGenerate Inspection Doc' (unchecked). A 'Validate Plan' button is located at the bottom of the form. The interface includes a top navigation bar with the Konnect Analytics logo, a search bar, and user information. A left sidebar shows 'Favourites' and 'Recent Items' sections.

## Critical Fields

1. Name : Used to mention the Test plan name. We can create the test plan by using characters and numbers.(Ex : Machine Test)

## Critical & onetime setup fields

1. Organization Field : This Field is used to select the organization which you are going to process the document.

## Non-Critical Fields

1. User Decision Allowed : Once user decision is checked system will allow the user to override the decision given by the system as per the record value in inspection screens.
2. Auto Generate Inspection Doc : It is used to set the auto inspection generation , If we select this check box two mandatory fields are visible,they are document category and document type.

3. Document category : It is used to select the inspection document category type.(Ex : Customer RMA Inspection,Multiple Product Inspection,Production Inspection,Single Product Inspection)
  4. Document type : We should select the particular document type based on the document category.(Refer document type master)
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## **Zoom condition's**

1. We can Zoom and find the inspections and NCR by using this Test plan.(EX : Inspection Single,Inspection Bulk,Inspection Production,NCR)

## **Customization**

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# Quality Tools

The screenshot shows a web application interface for the 'Quality Tools' form. At the top, there is a breadcrumb trail 'Quality Test Plan > Quality Tools' and a page indicator '1/1'. The form contains several fields: 'Client' with the value 'Sandbox', 'Organization' with an asterisk, 'Quality plan' with the value 'dont use', 'Asset Group' as a dropdown menu, 'Sequence' with the value '10' and a small icon, 'Tool/Instrument' with the value 'Vernier Caliber\_Vernier Caliber' and a dropdown arrow, and a 'Description' text area. Below these fields is a checkbox labeled 'Active' which is checked. The interface includes a top navigation bar with various icons and a left sidebar with a vertical menu.

## Critical Fields

1. Tool/Instrument : This is used to mention the tools which is used in the quality check.(Refer Asset Master).
2. Asset group : This is used to mention the asset group

## Critical & onetime setup fields

1. Organization Field : This Field is used to select the organization which you are going to process the document.

## **Non-Critical Fields**

1. Sequence : Sequence Indicates the order of the record.
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## **Zoom condition's**

## **Validation**



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# Parameters

The screenshot displays the KONNECT ANALYTICS interface. The top navigation bar includes the logo, a search bar, and user information (Prasanth P@Kconnect Demo, Konnect Demo Admin) with links for Feedback, Profile, Preference, Change Role, and Log Out. The left sidebar shows 'Favourites' and 'Recent Items' sections. The main content area is titled 'Quality Test Plan: Machine ...' and contains a 'Parameters' tab. The 'Parameters' section is divided into two columns. The left column includes fields for 'Client' (Kconnect Demo), 'Quality plan' (Machine Test), 'Parameter' (Length), 'Parameter Type' (Quantitative Parameter(Number,volume.etc)), and 'Controller' (Inspector). The right column includes fields for 'Organization' (Manufacturing Discrete), 'Sequence' (10), 'Drawing Sub Number', 'Priority' (Medium), and 'Frequency'. At the bottom, there are checkboxes for 'Active' (checked) and 'User Decision Allowed' (unchecked).

## Critical Fields

1. Parameter: Used to mention the parameter from the quality parameter master.
2. Controller: Used to select the controller.(Inspector or Operator)

## Critical & onetime setup fields

1. Organization Field: This field is used to select the organization which you are going to process the document.

## Non-Critical Fields

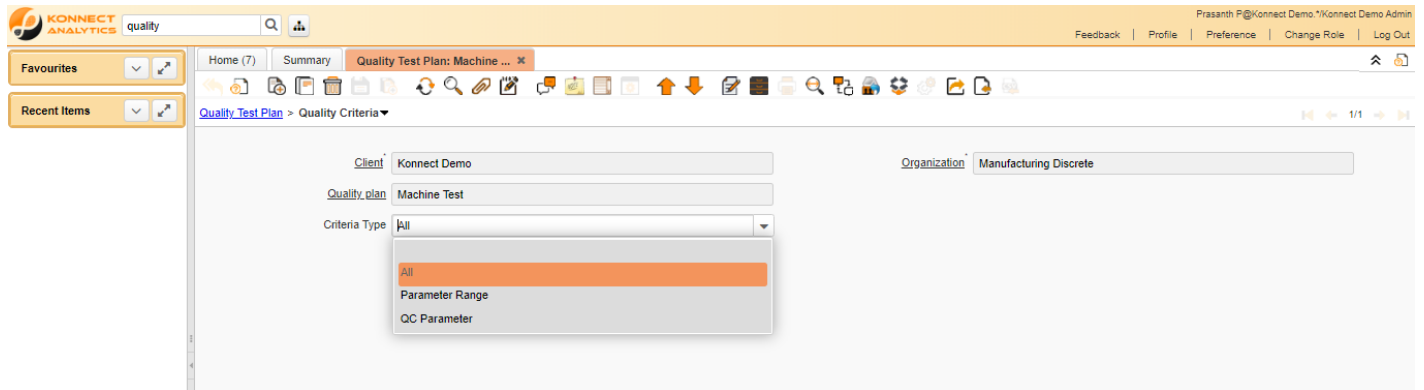
1. Drawing Sub Number: It is used to mention the drawing numbers and helps to print in reports.
2. Priority: We can select the Priority for the parameters.
3. Frequency: We can mention the frequency for this parameter.
4. User Decision Allowed: Once user decision is checked system will allow the user to override the decision given by the system as per the record value in inspection screens.
5. Sequence: It is used to mention the order of the sequence.

## **Zoom condition's**

## **Validation**

Tab

# Quality Criteria



## Critical Fields

### Critical & onetime setup fields

1. Organization Field : This Field is used to select the organization which you are going to process the document.

## Non-Critical Fields

1. Criteria Type : Used to mention the criteria type.
  - a)All - used to check the all criteria ,
  - b)Parameter Range -used to check the parameter ranged ,
  - c)QC Parameter - Used to check the QC Parameter criteria.

## Zoom condition's

# Validation

Tab

# Sampling

KONECT ANALYTICS quality

Prasanth P@Kconnect Demo.\*Kconnect Demo Admin

Feedback | Profile | Preference | Change Role | Log Out

Home (7) Summary Quality Test Plan: Machine ... ✕

Quality Test Plan > Sampling

Record saved

Client: Kconnect Demo Organization: Manufacturing Discrete

Quality plan: Machine Test

☒ Sampling Time

Sampling Time Type: All

Aging

All

AntiAging

## Critical Fields

1. Sampling Quantity : If we select this check box Sampling Qty Type will exists.(Sampling Qty Type-All,Fixed Batch,Random)
2. Sampling time : If we select this check box Sampling Time Type will exists.(Sampling Time Type-Aging,All,AntiAging)

## Critical & onetime setup fields

1. Organization Field : This Field is used to select the organization which you are going to process the document.

## Non-Critical Fields

## Zoom condition's

## **Validation**

Tab

# Quality Consumables

The screenshot shows the KONECT ANALYTICS interface. The top navigation bar includes the logo, a search bar with 'quality test', and user information: 'Prasanth P@Kconnect Demo.\*Kconnect Demo Admin' with links for Feedback, Profile, Preference, Change Role, and Log Out. The left sidebar has 'Favourites' and 'Recent Items' sections. The main content area shows a breadcrumb trail: 'Home (7) > Summary > Quality Test Plan: APS 1000... > Quality Consumables'. Below this, a 'Record saved' message is displayed. The form contains several fields: 'Client' (Kconnect Demo), 'Organization' (a dropdown menu), 'Quality plan' (APS 10008#22AP56 S), 'Product' (1000016\_Testing purpose), 'UOM' (Each), 'Quantity' (1), and 'Charge' (Testing Expense).

## Critical Fields

## Critical & onetime setup fields

1. Product : It is used to give the Consumable product from the product master window (Refer Product Master).
2. Quantity : It is used to give the Consumable product quantity.
3. UOM : It is used to select the Consumable product UOM from(Refer UOM Master).
4. Charge : It is used to select the Consumable charge name from the charge master (Refer Charge Master).
5. Organization Field : This Field is used to select the organization which you are going to process the document.

## Non-Critical Fields

## Zoom condition's

## **Validation**



# Validations

# Validations

## **Save**

1. It is used to save the records after the mandatory fields are filled.
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## **Delete**

1. It is used to delete the records before the transactions are done.
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## **Validation**

1. Validate Plan : It is used to validate the created test plan.
2. This Validation check the Quality parameters and the parameter range values.