

# Product Testing

- Introduction
  - Introduction
- Tabs
  - Product Testing Header
  - Test Parameters
  - Test Conditions
  - Consumables
  - Old Items
  - New Items
- Document Actions
  - Validation
  - Action
- Video
  - Video

# Introduction

# Introduction

## **Introduction**

Manufacturers produce branded products which they assert and advertise to be identical within some technical standard. Product testing seeks to ensure that consumers can understand what products will do for them and which products are the best value. Product testing is a strategy to increase consumer protection by checking the claims made during marketing strategies.

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## **Business Example**

After production finished, the product is tested. Product testing is used to conduct many tests simultaneously and to conduct multiple test scenarios at a time to keep records under a single document.

# Tabs

# Product Testing Header

## Critical Fields

1. Name: Used to mention the Product testing name. The name is up to 60 characters in length.
2. User/Contact: This is selection field to choose User/Contact. you need to create new user/Contact in master.
3. Manufacturing Order: To select Manufacturing orders, These Manufacturing order document numbers will be displayed. The user has the option to select and proceed for a Product testing.
4. Quality Plan: This selection field allows you to select a quality plan. Which can be created in Quality plan master.
5. Document Date: Date of Document
6. Warehouse: Product storage purpose, Select a warehouse where the final product is stored.
7. Product: To select the product type an item, you can select the multiple products in this line item

8. Quantity: Quantity of product to be Tested.

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## **Critical & onetime setup fields:**

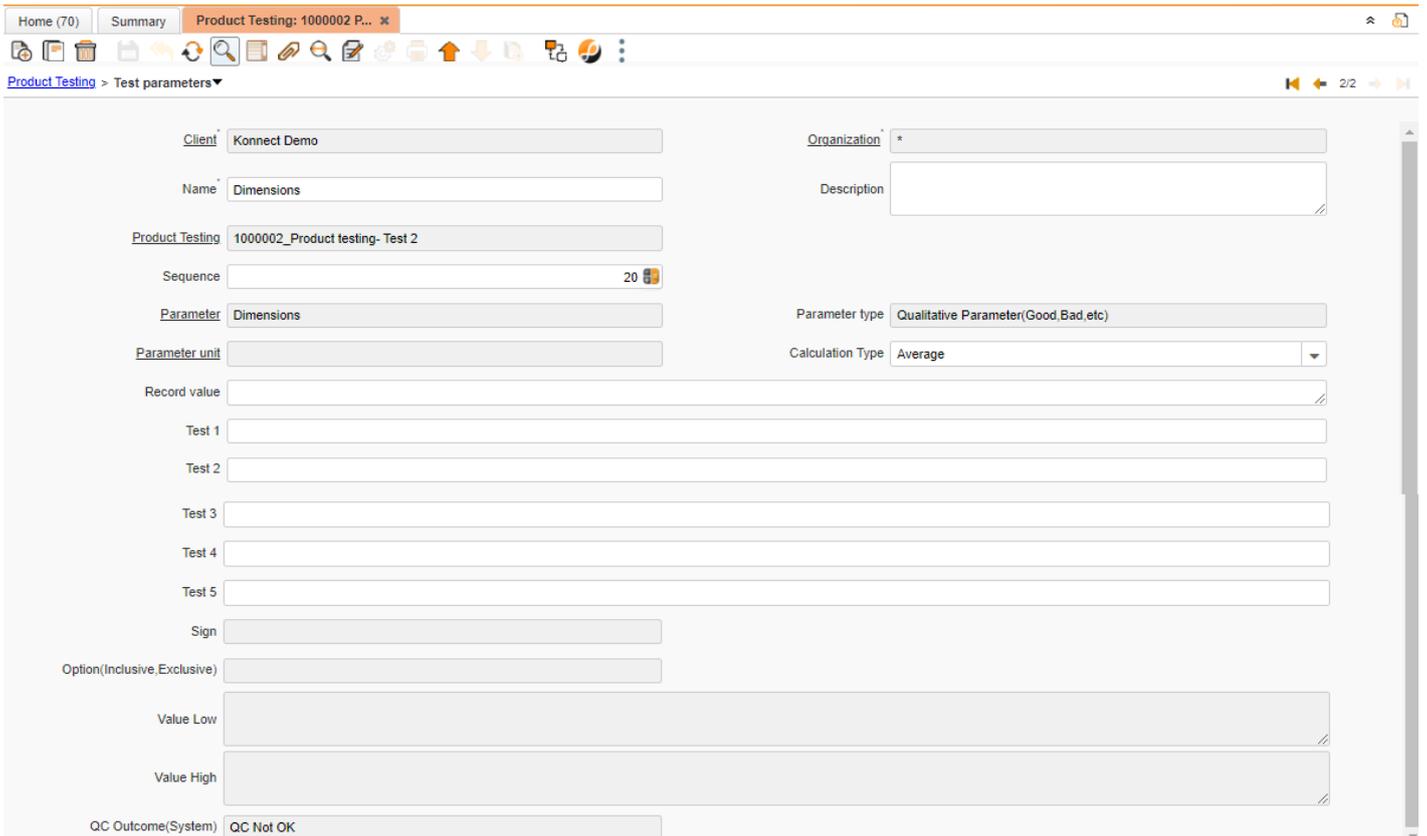
1. Organization: This Field is used to select the organization
  2. Document Type: This Field is used to select the type of the document that you are going to process
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## **Non-Critical Fields**

1. Customer Material: It is a List view field to choose Customer Material. Customer Material is a Master data.
2. Test Plans: It is a List view field to choose Test Plans Which is Master data.
3. Order: Product testing is to be done according to sales/purchase order transaction.
4. Account Date: The Accounting Date indicates the date to be used on the General Ledger account entries generated from this document. It is also used for any currency conversion.
5. Number of Test: Number tests to be execute.
6. Business We can select existing/new Business Partner here and this field is used to maintain Business Partner.
7. Locator: Warehouses can have several locators, which are listed under each one. Using this field, the user can choose the locator
8. Attribute set instance: To Select Attributes of product such as brand, color, specification, etc.

Tabs

# Test Parameters



The screenshot shows a web-based form for defining test parameters. The form is organized into several sections:

- Client:** Konnect Demo
- Organization:** \*
- Name:** Dimensions
- Description:** (Empty text area)
- Product Testing:** 1000002\_Product testing- Test 2
- Sequence:** 20
- Parameter:** Dimensions
- Parameter type:** Qualitative Parameter(Good,Bad,etc)
- Parameter unit:** (Empty)
- Calculation Type:** Average
- Record value:** (Empty)
- Test 1-5:** (Five empty text boxes)
- Sign:** (Empty)
- Option(Inclusive,Exclusive):** (Empty)
- Value Low:** (Empty)
- Value High:** (Empty)
- QC Outcome(System):** QC Not OK

## Critical Fields

## Non-Critical Fields

1. Name: Name of test parameter
2. Description: To note Specifics required with documents and to describe other important information.
3. Calculation Type: To choose calculation type for test parameters

- 3.1. Average
  - 3.2. Maximum
  - 3.3. Minimum
  - 3.4. Percentage of Successful Values
  - 3.5. Sum
  4. Record value: To keep details of recorded value.
  5. Test : Automatically, based on the number of tests given in the header tab, this field updated.
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## **Auto-updated Fields**

1. Client
2. Organization
3. Product Testing
4. Sequence
5. Parameter
6. Parameter type
7. Parameter unit
8. Sign
9. Option(Inclusive,Exclusive)
10. Value Low
11. Value High
12. QC Outcome(System)

Tabs

# Test Conditions

The screenshot shows a web application interface for 'Test Conditions'. The browser tabs include 'Home (3)' and '\*Product Testing: 1000073 ...'. The breadcrumb navigation is 'Product Testing > Test Conditions'. The form is titled 'Inserted' and contains the following fields:

- Client:** A dropdown menu with 'XYZ Foundation' selected.
- Organization:** A dropdown menu that is currently empty and highlighted with a red border.
- Description:** A text input field.
- Value Column:** A text input field.
- Custom Columns:** A dropdown menu that is currently empty and highlighted with a red border.
- Product Testing:** A dropdown menu with '1000073\_Test 1' selected.
- Sequence:** A text input field with '10' and a small icon to its right.
- Active:** A checkbox that is checked.

## Critical Fields

1. Organization: This field is used to select the organization
2. Custom Column: User can set custom details required with document and it is a master data. once master is uploaded user can select that custom columns for Product testing.

## Non-Critical Fields

1. Description: To note Specifics required with documents and to describe other important information.
2. Value Column: To note Values of column Manually.

# Consumables

The screenshot shows a web application interface for 'Consumables'. The browser tabs include 'Home (3)' and '\*Product Testing: 1000073 ...'. The breadcrumb navigation is 'Product Testing > Consumables'. The form is titled 'Inserted' and contains the following fields:

- Client:** XYZ Foundation
- Organization:** MainHQ
- Product Testing:** 1000073\_Test 1
- Quality Consumables:** (Dropdown menu)
- Description:** (Text input field)
- Phys Inventory Line:** (Text input field with a red arrow icon)
- Product:** (Text input field with a refresh icon)
- UOM:** (Dropdown menu)
- Quantity:** (Text input field with a grid icon)
- Charge:** (Dropdown menu)

## Critical Fields

1. Quality Consumable: This is selection field to select quality consumable which is master data.
2. Phy Inventory Line: Consumables which is used for product testing can be selected through physical inventory line here.
3. Product: Consumable product types to choose
4. UOM: The record will populate from the product and we can change the UOM manually if UOM conversion for the product.
5. Quantity: Product Quantity that needs to be tested

## Non-Critical Fields

1. Description: To note Specifics required with documents and to describe other important information.
2. Charge: Charge is a Master data. to apply specific charge to document this field is required.



Tabs

# Old Items

Data required

Document Type: Product Testing Create lines from

Description:

Customer Material:

Quality plan: Visual-ok

Document Date: 24/06/2024

Number of Tests:  1

Warehouse: Manufacturing-Warehouse

Manufacturing Order: 81601\_Discrete -Plant

Test Plans:

Order:

Account Date: 24/06/2024

Business Partner:

Locator: Manufacturing-Warehouse

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Test parameters | Test Conditions | Consumables | **Old Items** | New Items

1 Records

<input type="checkbox"/>	Organization	Product Testing	Product	Attribute Set Instance	Quantity
<input checked="" type="checkbox"/>	Manufacturing Discrete	1000012_test	Visor_Visor	---	5

Activate Windows

[Product Testing](#) > Old Items 1/1

Client: Sandbox Organization: Manufacturing Discrete

Product Testing: 1000012\_test

Product: Visor\_Visor Attribute Set Instance: ---

Quantity:  5

This field is automatically updated after the documentation is prepared. Once you prepare the document the damaged or re-production FG product mapped in the old items tab.

# New Items

**Product Testing** 1/7

Data requiered

<u>Client</u> * Sandbox	<u>Organization</u> * Manufacturing Discrete
Document No 1000012	
Name * test	<u>User/Contact</u> Lokesh S
<u>Document Type</u> * Product Testing	<input type="button" value="Create lines from"/>
Description	<u>Manufacturing Order</u> 81601_Discrete -Plant
<u>Customer Material</u>	<u>Test Plans</u>
<u>Quality plan</u> * Visual-ok	<u>Order</u>
<u>Document Date</u> * 24/06/2024	<u>Account Date</u> 24/06/2024

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Test parameters | Test Conditions | Consumables | Old Items | **New Items**

1 Records

Organization	Product Testing	Product	Attribute Set Instance	Quantity
<input type="checkbox"/> Manufacturing Discrete	1000012_test	Visor_Visor	Black_«521486»	5

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[Product Testing](#) > **New Items** 1/1

<u>Client</u> * Sandbox	<u>Organization</u> * Manufacturing Discrete
<u>Product Testing</u> * 1000012_test	
<u>Product</u> * Visor_Visor	<u>Attribute Set Instance</u> Black_«521486»
<u>Quantity</u> * <input type="text" value="5"/>	

In this field you need to give new product which one you need to replaced.

# Document Actions

# Validation

## **Save:**

System will check the all mandatory fields

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## **Delete:**

System will delete the order and its history details

# Action

## **Document action prepare:**

System will check the period details and master data's checking

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## **Document action complete:**

1. System will complete the document.
  2. Once document action is complete, all fields are update in read only
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## **Document action void/reverse correct actual:**

Void- system will reverse all the transaction data's and related document status to Void

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## **Document action close:**

System will check whether all the activity for the document is completed and change the Document status to close.

# Video

Video

# Video