



NETSUITE QUALITY MANAGEMENT SOLUTION (QMS)

Inspect, Test, Rework & Report

Designing and manufacturing a product of high quality does not happen by accident—it requires a company-wide commitment. NetSuite's Quality Management Solution is designed to help companies deliver the highest quality products with minimal overhead.

Key Benefits

- Improve product quality
- Define and maintain inspection plans
- Collect in-process and incoming inspection results
- Compare to pass/fail criteria
- Integrate non-conformance reporting
- Reduce cost of quality

Test Definition

Defining the types of tests that you need to perform is done in the Inspection Master, where you can specify the type of test, calibration requirements, test method, and even the qualification level of the inspector.

In-Process Inspection

In-process inspection tests are then used within the Workbench Test definition to establish desired sample size, sample frequency, target value, control limits, corrective action plan, and whether an electronic signature should be captured for each operation.

In-Process Inspection

Operation Task Inspection

MFG WORK BENCH *
CRM 00441 - White Cream Mix (1V) - 110
ITEM
CRM 00441

TEST NAME
Acidity
INSPECTION METHOD *
Lab Assay

DESCRIPTION
Measures acidity of a blended mix sample

QUALITY MANAGEMENT SYSTEM REFERENCE

OPERATION INSPECTION SEQUENCE
3

Measurement Standards And Attributes

INSPECTION TYPE
Standard Result
INSPECTION RESULTS
Pass/Fail
SAMPLE SIZE
2

SAMPLE FREQUENCY
Each Batch
EVALUATION CRITERIA
Test Passes Or Fails
MINIMUM PERCENT
3

TARGET VALUE
4.2
UPPER CONTROL LIMIT
5
LOWER CONTROL LIMIT
3

UNIT OF MEASURE

DEFAULT CORRECTIVE MEASURE
Follow Recipe Correction Plan

Parameters

☒ PASS FAIL TEST
☐ CERTIFICATE REQUIRED
☒ SIGNATURE REQUIRED
☒ THIS TEST IS MANDATORY




Every operation performed can have multiple tests defined and tracked:

EDIT	DESCRIPTION	TYPE	IS MANDATORY	EXPECTED YIELD	DETAIL REQUIRED	SIGNATURE REQUIRED
Edit	Visual evaluation of the Blended Mix	Visual	No		No	No
Edit	Evaluate the Mix Temperature while being blended	Measurement	No		No	No
Edit	Measures acidity of a blended mix sample	Lab Assay	Yes		No	Yes
Edit	Lab evaluation of the blended mix	Lab Assay	Yes		No	Yes

The work order shows exactly which tests are required, their status, and a visual indicator if the results are outside the acceptable limits.

Inspections Required For Selected Work Order

Select Inspection (3)

SELECT		OPERATION SEQ	OPERATION NAME	WORK CENTER	ITEM	INSPECTION	INSPECTION METHOD	UNIT OF MEA	SAMPLE SIZE	FREQUENCY	TARGET VALUE	UPPER CONTROL LIMIT	LOWER CONTROL LIMIT	REQUIRED A
<input checked="" type="checkbox"/>		110	Fill Jars	CRM Big Jars Ln 1	DAN 4004	Fill Weights	Scale Weight	Weight	6	Every Hour	1110	1125	1095	T
<input type="checkbox"/>		110	Fill Jars	CRM Big Jars Ln 1	DAN 4004	Label Verification	Visual		6	Every Hour				T
<input type="checkbox"/>		110	Fill Jars	CRM Big Jars Ln 1	DAN 4004	Burst Test	Visual Damage Inspection	Unit		Each Batch				F

Inspection Test Results

Enter Inspection Results

SELECTED OPERATION

722 - 110 Fill Jars

INSPECTOR

Gavin Davidson

QUANTITY TESTED

INSPECTION VALUE

NONCONFORMANCE REA

SELECTED INSPECTION

Fill Weights

INSPECTION DATE


QUANTITY PASSED

INSPECTION RESULT

Passed

CORRECTIVE ACTION

Inspection Results (1)

SELECT		ITEM	INSPECTION	DATE	RESULT VALUE	QTY TESTED	QTY PASSED	PASSED	INSPECTOR	NONCONFORMANCE REASON
<input type="checkbox"/>		DAN 4004	Fill Weights	4/4/2016		3	2	Fail	Patrick Smeaton	Under Allowable Weight

Receiving Inspection

For items that require inspection upon receipt, the inspection profile is attached at the item level and will automatically trigger upon receipt.



Inspection Profiles

Tests that need to be performed are set up in the Inspection Profile in order to identify every unique test in any combination necessary.

AM Inspection Profile

Standard Receiving Inspection

Edit

Back





Actions

Profile

INSPECTION PROFILE NAME

Standard Receiving Inspection

PROFILE TYPE

In-Coming Inspection

Test List

Notes

Files

VIEW

Default View

AM INSPECTION PROFILE TESTS

New AM Inspection Profile Tests

Attach

Customize View

EDIT	INSPECTION	SEQUENCE	REQUIRED	SAMPLE SET PERCENTAGE	TARGET VALUE
<div>Edit</div>	Receipt Weight	1	No	100	100
<div>Edit</div>	Moisture Content	3	No	10	.023

The tests themselves are defined in a similar way to the in-process inspections, but are geared specifically towards the receiving process to streamline the data entry process.

Inspection Test			
PROFILE Standard Receiving Inspection	INSPECTION METHOD Scale Weight	INSPECTION RESULTS Pass/Fail	DEFAULT CORRECTIVE MEASURE Move To MRB
TEST NAME Receipt Weight	INSPECTION TYPE Standard Result	UNIT OF MEASURE Weight	SEQUENCE 1
Quality Standards			
TARGET VALUE 100	LOWER CONTROL LIMIT 98	UPPER CONTROL LIMIT 120	SAMPLE SET PERCENTAGE 100
Business Rules			
<input type="checkbox"/> SIGNATURE REQUIRED	<input checked="" type="checkbox"/> CERTIFICATE REQUIRED	<input type="checkbox"/> MANDATORY	
Administrative			

Data Collection

For both In-Process and Receiving Inspection, the data can be collected in a number of ways. Customized screens are provided for data entry both through the regular NetSuite interface and the tablet application for ease of use.

In-Coming Inspection Results
In-Process Inspection Results

Reporting

NetSuite QMS provides a number of standard reports, saved searches, graphs, KPIs and reminders that can be used to easily track

all of the quality related information in the system while taking advantage of the many native user interface features highlighting passed and failed tests.

AM Receiving Inspections - Vendor Inspection: Results

Return To Criteria

Edit this Search

FILTERS

VENDOR	PURCHASE ORDER	ITEM NUMBER	INSPECTION TEST	INSPECTION RESULT
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Receipt Weight	Patric Smea
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Receipt Weight	Patric Smea
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Validate Material Certificate	Patric Smea
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Moisture Content	Patric Smea
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Moisture Content	Patric Smea
Contract MFG #2	Purchase Order #PUR00001543	DAN 043	Moisture Content	Patric Smea

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Pacquet

AM WIP Inspection Results - Summary: Results

Return To Criteria

Edit this Search

FILTERS

WORK CENTER

D-Inspection

WORK ORDER

- None -

ITEM

- All -

DATE

this year

FROM

1/1/2016

TO

12/31/2016

STYLE

Report

AM WIP Inspection Results - Summary

INTERNAL ID	INSPECTION DATE	WORK ORDER	ITEM NUMBER	WORK CENTER	TEST NAME	INSPECTOR	INSPECTION RESULT	QTY TESTED	QTY PASSED	TEST %	NONCONFORMANCE REASON
28	7/8/2016	Work Order #WRK00001497	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Pass	8	8	100.0%	
26	6/22/2016	Work Order #WRK00001563	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Pass	1	1	100.0%	
29	6/8/2016	Work Order #WRK00001490	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Pass	1	1	100.0%	
30	6/1/2016	Work Order #WRK00001488	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Pass	1	1	100.0%	
35	5/25/2016	Work Order #WRK00001487	WRB4005	D-Inspection	Panel Throughput Test	Robert Klein	Pass	2	2	100.0%	
37	5/23/2016	Work Order #WRK00001483	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Pass	1	1	100.0%	
27	5/20/2016	Work Order #WRK00001482	WRB4005	D-Inspection	Panel Throughput Test	Dave Herrington	Fail	1	0	0.0%	Defect Found in Exterior Casing
34	5/18/2016	Work Order #WRK00001486	WRB4005	D-Inspection	Panel Throughput Test	Aaron Sunshine	Pass	5	4	80.0%	