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HIGHLIGHTS

- Tracking Quality Management throughout supply chain
- User Ability to customize quality parameters
- Simplify Lot Management with Quality Visibility
- Product and In-Process Testing

HIGHLIGHT

FEATURES

- Test Type
- Test Parameters
- Process Oriented Test
- Test Orders
- Test Accuracy Control
- Vendor Rating
- Generate COA

NaviWorld Quality Management built on Microsoft Dynamics Nav

Elements of Quality Control

The well-established testing features is at the core of NaviWorld Quality Management. From incoming goods through manufacturing to shipping – the system follows the complete materials management every step of the way. For a comprehensive quality control, different elements are available.

Globalization and the resulting internationalization of markets have forced companies to adjust the quality of their products and services continuously to the needs of their customers in order to remain competitive.



The solution **NaviWorld Quality Management** built on Microsoft Dynamics Nav provides the management with all necessary tests, test devices, and test documentation – during purchase, production and final inspection. Information about the quality of a product can be made available for all stages of the manufacturing process.

Test Device administration:

Controlled by Quality setup for Quality Users.

Quality Control			
Enable QC:	<input checked="" type="checkbox"/>	Enable QC on Transfer Receive:	<input checked="" type="checkbox"/>
Enable QC on Purchase:	<input checked="" type="checkbox"/>	Enable QC on Item Journals:	<input type="checkbox"/>
Enable QC on Sales:	<input checked="" type="checkbox"/>	QC Standard Nos.:	Q-STD
Enable QC on Operation:	<input checked="" type="checkbox"/>	QC Test Nos.:	QC-TEST
Enable QC on Output:	<input checked="" type="checkbox"/>	Sample QC Nos.:	QC-SAMPLE
Enable QC on Transfer Ship:	<input checked="" type="checkbox"/>		

Quality Control Employees

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NAVIWORLD-ASIA/USA	NG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NAVIWORLD-ASIA/WWI	NG	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Test Properties:

Test Properties will initially be used to create master Quality template data to be the basis for testing course.

Test properties describe the characteristics that will be tested for Items or Routing, one or more test properties as Quality Measures can be assigned to a test procedure.

Test Procedure:

Test procedures serve to combine the multiple properties and differentiate between counting and measuring examination, using test procedures, test properties can be combined into organized groups as such Physical Lab test, Microbiology test or General.

CHEMLAB	Chemical Lab
GENERAL	General QC
MICROLAB	Micrbiology Lab
PHYLAB	Physical Lab

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Test Procedure:

QC Standard Line

New Find Filter Clear Filter

Type	Quality Group Code	No.	Test Type	Description	Unit of Measure Code	Min. Value	Max. Value	Spec. Value	Mandatory	Disp...	Active ingr...
Measure	CHEMLAB	FTIR	Boolean	Fourier Transform Infra-Red	NONE	0.00	0.00		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Measure	PHYLAB	MOISTURE	Decimal	Moisture Content	PERCENT	0.00	0.50		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Measure	PHYLAB	LOD	Decimal	Loss on Drying 105C 1hr	PERCENT	0.00	0.50		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Measure	PHYLAB	LBD	Decimal	Loose Bulk Density	GM/ML	0.45	0.55		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Measure	CHEMLAB	CR	Decimal	Heavy metal_Chromium(Cr)	PPM	0.00	2.00		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Measure	PHYLAB	LOI_1075C	Decimal	Loss on Ignition at1075 C	PERCENT	0.00	7.00		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Process Oriented Tests:

QCT0013 · 0

General

Document Info

Item

Item No.: TEST02	Quantity (Base): 120.00
Lot No.: LOT0061	Qty. to Handle: 120.00
Lot No. External:	Qty. to QC: 0.00
Expiration Date:	Qty. QC Passed: 0.00
Unit of Measure Code:	Qty. QC Fail: 0.00
Unit of Measure:	Total Qty. QC: 0.00

QC Test line

Quality Measur...	No.	Description	Unit Of Measure	Min Value	Max Value	Sp... Va...	Test Type	Mandatory	Option Code	Tested Value	Pass/Fail Result	Result	Ave. Sample Test	Reason Code	Date Test
FG0002	TBD	Tab Bulk Density	GM/ML	0.72	0.92		Decimal	<input checked="" type="checkbox"/>		0.80	Pass	Pass	0.00		6/5/2017
FG0002	FINE_D325	Fineness_Dry325 mesh	PERCENT	88.00	100.00		Decimal	<input checked="" type="checkbox"/>		0.00	Fail	Fail	0.00		6/5/2017
FG0002	FINE_D200	Fineness_Dry 200 mesh	PERCENT	98.00	100.00		Decimal	<input checked="" type="checkbox"/>		101.00	Fail	Fail	0.00		6/5/2017
FG0002	FINE_D100	Fineness_Dry100 mesh	PERCENT	100.00	100.00		Decimal	<input checked="" type="checkbox"/>		0.00	Pass	Pass	0.00		6/5/2017

HOME ACTIONS NAVIGATE

Order Tracking | Navigate | **Create Quality Test** | Open Quality Test

Departments

- Financial Management
- Sales & Marketing
- Purchasing
- ▾ Warehouse
 - Orders & Contacts
 - Planning & Execution
 - Goods Handling Order by Order
 - Goods Handling Multiple Orders

Item Ledger Entries

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Quantity	Invoiced Quantity
3/27/2017	Purchase	Purchase R...	PPR0028	RM0003		100	0
3/19/2017	Purchase		TESTGL01	RM0003		1,000	1,000
3/19/2017	Purchase		TESTGL01	RM0005		1,000	1,000
3/19/2017	Purchase		TESTGL01	RM0006		1,000	1,000

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Test orders:

Test orders are implementation based upon Quality posting policy Allow to stock without QC or Prevent item into stock that have been created from Quality master data “Test device”, “test properties” and “Test procedures”.

Test orders capture the results of a test and compare them to the predefined nominal values.

Lot – Controlling:

Tightly manage lot tracking control built within NaviWorld Quality Management, Controlled by LOT status “Open”, “Pass”, “Concession”, and “Fail”.

Quality Control, Archive

- Quality Control Entries
- Quality Control Pass
- Quality Control Failed
- Quality Control Concession
- Quality Control Rejected

Quality Control Entries

Type to filter (F3) | Posting Date | Filters applied

Posting Date	No.	Document Type	Item No.	Lot No.	Quantity (Base)	Source ID	Source Ref No.	Qty. to QC	Qty. QC Passed	Qty. QC Fail	Total Qty. QC	Status
2/17/2017	QCT0001		PTC0001	LOT0042	6.00	T-ORD-0007		6.00	6.00	0.00	6.00	Pass
2/27/2017	QCT0008		FG0001	LOT0055	100.00	SO/FEB17/...		100.00	100.00	0.00	100.00	Pass
2/27/2017	QCT0006		FG0001	LOT0049	5.00	REL0017		5.00	5.00	0.00	5.00	Pass
3/7/2017	QCT0014	Output	FG0001	LOT0065	120.00	REL0019		120.00	120.00	0.00	120.00	Pass
3/16/2017	QCT0020	Output	SFG0001	17/027	100.00	REL0023		100.00	0.00	0.00	100.00	Concession
3/16/2017	QCT0021	Output	FG0001	17/027	100.00	REL0024		100.00	100.00	0.00	100.00	Pass
3/16/2017	QCT0023	Output	FG0001	1	1.00	REL0026		1.00	1.00	0.00	1.00	Pass
3/17/2017	QCT0024	Output	SFG0001	17/028	1.00	REL0028		1.00	0.00	0.00	1.00	Concession
3/17/2017	QCT0025	Output	FG0001	17/028	1.00	REL0029		1.00	1.00	0.00	1.00	Pass
3/17/2017	QCT0026	Output	SFG0001	17/029	2.00	REL0030		2.00	2.00	0.00	2.00	Pass
3/17/2017	QCT0027	Output	FG0001	17/029	2.00	REL0031		2.00	2.00	0.00	2.00	Pass
6/5/2017	QCT0022	Output	SFG0001	1	1.00	REL0025		1.00	0.00	1.00	1.00	Fail

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