



VALUE TECH SERVICES

VTS Infosoft Pvt. Ltd.

Next generation ERP & CRM application implementation experts Microsoft Dynamics

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Quality Control Process in Microsoft Dynamics 365 Business Central

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Setup Quality parameters

Create locations

Create Batches

Inventory Setup

GRN on Inspection location

IQC (Initial quality Inspection)

IQC Report

Manufacturing

FI (Final Inspection)

FI Report

Microsoft Dynamics

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Quality Control Master PAT Environment Dynamics 365 Business Central 63 Sandbox 7² Tell me what you want to do qc ma Go to Pages and Tasks QC Master Administration Documentation ⑦ Search Help for "qc ma" Get from Microsoft AppSource 🗘 QC

A complete solution for Quality Control Management with Dynamics 365 Business Central.

Didn't find what you were looking for? Try exploring pages and reports

Quality Inspection Parameter Window

> Setup Required Quality Parameter here.



QC Ma	ster											\sim	Saved
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	Entry No		ltem No ↑	Type Of Inspection	Inspection Series 1	Dwg Rev	Paramter	Specification	Class	Method	UDL	LDL	Tolerance
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\rightarrow	<u>12</u>	÷	IT//R/AUTO/00002 V	Material (2)	1.00	mmn	mtc	test	< M >	mtc	1	3	2
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Create Locations

PAT_UAT Sales Posted Documents	Tell me what you want to do		ZX				
Contacts Opportunities Sales Quotes Sales Or	locations			Dynamitomer Service	More ~	2	
Notifications: 2 You can create contacts automatically from	Go to Pages and Tasks		Show all (6)			~	
Headline	> Locations	Administrat	ion	E Custom	or Top 10 List		
Locations							2
$ ho$ iqc Accept loc_004 fg $ imes$	+ New Manage F	Process Location	Report	More options		¢ 7	≣
Code †	Name		Location for A	Accepted			
FG ACCEPT	: FG Acce	ept Location	Quantity				
FG REJACT	FG Reje	ect Location	➡ Location for Re	jected Quantity			
IQC ACCEPT	IQC Acc	cept location	Location for A Material Quar	Accepted Raw			
LOC_001	Inspect	ion Store	> Inspectic	on Location Location for			
LOC_004	IQC Rej	ection Store(Purchas	se) R	ejected Raw Material Quantity			

Create Batches in Item Journal Templet





Transfer Journal Batch Window

TRANSFER Transfer	journal								√Save	d	Ľ	2
Item Journal Batch	es 🔎 🔎	Search	+ New	🐯 Edit List	🗓 Delete	📝 Edi	it Journal	🛗 Post		Ŀ	∇	≣
							Setup Nu /each Bat	mber Series ch	for		Item Track on	ci
Name T		Descriptior	1		No. Seri	es /	Postin	g No. Series	Reason Code		Lines	i
\rightarrow DEFAULT	:	Default J	ournal	_	IT-REC							ב
FQC		Final Insp	ection		F-QC						C	
IQC		IQC Inspe	ection		I-QC		P-IQ	5				
PDEV		Posted D	eviations N	os	PDEV							



Inventory Setup window



> Map Locations and Batches under the location tab.

PAT_UAT Sales ~ Posted Documents ~ .	Tell me what you want to do		$\scriptstyle \checkmark \times$			
Contacts Opportunities Sales Quotes Sales Or	inv setup			Dynamitomer Service	More ~	
Notifications: 2 You can create contacts automatically from	Go to Pages and Tasks		Show all (6)			
Insight from the last three months	> Inventory Setup	Administration				
	•				√ Saved	
Inventory Setup						
General Posting Journal Templates More options						
Location Mandatory						
	F					
IQC Accepted Location		IQC ACCEPT				~
IQC Rejected Location		LOC_004				~
IQC Journal Batch		IQC				~
FQC Journal Batch		FQC				~
FQC Accepted Location		FG ACCEPT				~
FQC Rejected Location		FG REJACT				~
Deviation Nos.	· · · · · · · · · · · · · · · · · · ·					\sim
Deviation Journal Batch						~
				Microsof	t Dynam	ics





> Receive Raw Materials at the Inspection location

Purchase Order							<i>⊵</i> +	Ē						√ Saved
P-ORD/	0165	· A.P En	terprise	S										
Notifications:	6 Purc	hase VAT Account	is missing in V.	AT Purchase VAT Acc	count is missing in VAT	Purch	ase VAT Account is	missing ir	n VAT	Purchase VAT	Account is mis	ssing in VAT .	Purchase VAT A	account is missing in V
Process Post Contact No.	ing Re	lease Prepare	Print/Send	Request Approval Orde	r More options		···· Vendor S	Shipment	No. • • •					
Phone No.							Alternate	e Vendor /	Address	Code				
Mobile Phone N	lo. • • • •						Respons	ibility Cen	iter · · · ·		002			
Email					Receive									
Document Date			16.00	2022	O Invoice									
Posting Date			16-09	-2023	○ Receive	and Invoice					Oper	n		
VAT Date			16-09	2023				ок	C	ancel	• • • • • •)		
With Dutte				2023										
tem Ledger Entrie	es													
✓ Search Pro	ocess E	ntry Automate	e ∨ Fewer o	otions										☞ 7 ≡
Posting Date T	Entry No.↓	Entry Type	Document Type	Document No. 🔻	item No.	Quantity	Description	Fin loc Code	Dep Code	Location Code	Invoiced Quantity	Remaining Quantity	Sales Amount (Actual)	Cost Amount (Actual)
<u>16-09-2023</u> :	2266	Purchase	Purchase	MRN/P1/22-23/0204	IT/IR/AUJO/Q	10	Raw Material 3			LQC_001	0	10	0.00	0.00
16-09-2023	2265	Purchase	Purchase	MRN/P1/22-23/0204	IT/TR/AUTO/0	10	Raw Material 2			LOC_001	0	10	0.00	0.00
16-09-2023	2264	Purchase	Purchase	MRN/P1/22-23/0204	IT/TR/AUTO/0	10	Raw Material 1			LOC_001	0	10	0.00	0.00
16-09-2023	2263	Purchase	Purchase	MRN/P1/22-23/0204	IT/TR/AUTO/0	10	Raw Material 3			LOC_001	0	10	0.00	0.00

MR Pending for IQC Inspection window.



> Received Material with posted GRN Document will be updated on MR pending for IQC Inspection page.

You can search your GRN Document here.

Purchase Order	Tell me what you want to do		ZX		√Saved	ت _ع لا
P-ORD/0165 · Amit Motors & Mach	mr pending for iqd					
Notifications: 10 Purchase VAT Account is missing in VAT Purc	Go to Pages and Tasks		is missing in VAT Pu	rchase VAT Accou	nt is missing in V	AT 🗸
Process Posting Release Prepare Print/Send Request Appr	> MR Pending for IQC Inspection	Administration				()
MR Pending for IQC Inspection					√ Saved	∏ ເ′່,⊻
	t Actions \checkmark Automate \checkmark Fewer option	ions			l	ዸ 7 ≣
Item No. MRN No. Î Location Code Lot No.). Vendor No. Vend	Vendor dor Name Shipment No	Description	Quantity	Unit of Measure Code	MRN Posting Date
→ IT/TR/AUJO/ : MRN/P1/22-23/0204 LQC_001 LOT01	103 V0007 Ami	it Motors & Machinery Store	Raw Material 3	10	PCS	16-09-2023
IT/TR/AUTO/ MRN/P1/22-23/0204 LOC_001 LOT01	104 V0007 Ami	it Motors & Machinery Store	Raw Material 1	10	PCS	16-09-2023
IT/TR/AUTO/ MRN/P1/22-23/0204 LOC_001 LOT01	105 V0007 Ami	it Motors & Machinery Store	Raw Material 2	10	PCS	16-09-2023
IT/TR/AUTO/ MRN/P1/22-23/0204 LOC_001 LOT01	103 V0007 Ami	it Motors & Machinery Store	Raw Material 3	10	PCS	16-09-2023

Microsoft Dynamics

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IQC Inspection of Raw Material.

> Select the Item and click on the Inspection button.

MR	Pending for IQC I	Inspe	ection								√ Saved	
۶	O MRN/P1/22-23	/020	14 × 🐺 Edit List	➔ Inspection	➔ Post Actions ∨ Auto	mate ∨ Fewe	r options				l	8 7 ≣
	Item No.		MRN No. 1	Location Code	Lot No.	Vendor No.	Vendor Name	Vendor Shipment No.	Description	Quantity	Unit of Measure Code	MRN Posting Date
\rightarrow	IT/IR/AUJO/	÷	MRN/P1/22-23/0204	LQC_001	LOT0103	V0007	Amit Motors & Machinery Store	_	Raw Material 3	10	PCS	16-09-2023
	IT/TR/AUTO/		MRN/P1/22-23/0204	LOC_001	LOT0104	V0007	Amit Motors & Machinery Store	_	Raw Material 1	10	PCS	16-09-2023
	IT/TR/AUTO/		MRN/P1/22-23/0204	LOC_001	LOT0105	V0007	Amit Motors & Machinery Store	_	Raw Material 2	10	PCS	16-09-2023
	IT/TR/AUTO/		MRN/P1/22-23/0204	LOC_001	LOT0103	V0007	Amit Motors & Machinery Store	_	Raw Material 3	10	PCS	16-09-2023





➢ Fill the parameter to accept or Reject the Item.

- After filling in the data go back to MR Pending for Inspection Page.
- Here you can see that the Status field will be updated as under Process.



Post Quality Inspection

➤Click on Post

The Item will be deleted from the list and updated on the posted IQC Inspection Page.

MR Pending for IQC Inspection

\$	O MRN/P1/22-23/020	04 × Edit List	Inspection	🔊 Post	Actions \vee	Automate \vee	Fewer optior	ns						¢ 7	
	Item No.	Description		Quantity	Unit of Measure Code	MRN Posting Date	To Be Accepted Location	RM Bin Code	Fin Loc	Purposi Inspect	e of Inspection ion Level	Supplier PDI Ref. No	Status	Past Data	
\rightarrow	IT/TR/AUJO/	Raw Material 3		10	PCS	16-09-2023		STORE		IQC			Under Pro	: 🛛	
	IT/TR/AUTO/	Raw Material 1		10	PCS	16-09-2023		STORE		IQC	0		0		
	IT/TR/AUTO/	Raw Material 2		10	PCS	16-09-2023		STORE		IQC	0		0		
	1R Pending for IQC Ir	nspection											0		
	→ IT/TR/AUJO/	Description Raw Material 1 Raw Material 2	.ist 🔊 Inspe	Quan	st Actions tity Unit of Measure 10 PCS 10 PCS	Automa Code MRN Posting 16-09 16-09	te V Fewe To Be Acception -2023	r options pted stor STOR STOR STOR ccessfully	n Code E E	Fin Loc	Purpose of Inspection IQC IQC				
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IQC Report



> Search Posted IQC Inspection in global search and select the related link..



IQC Report



FC1										Part No.		001650	10000		
	Format name	Incoming Inspec	tion Rep	port						Owner	Unit N	lanager- Q	uality		
	MRN No.			MRN/P1/22-23/01	199				Purpos	e of inspection		IQ	с		
	Lot No			LOT0075						Supplier Name				,	٩mi
	Total Lot Size	30		Sample Size		3				Inspected By					
				Dwg. Specificat	tion									c)bs
No	Insp Type	Parameters		Primary	т	olerance	UDL	LDL	. Class	Method	Instru	ment No.	1	2	
з	Visual (1)								<\$>	mtc		1	ОК	ок	
Notes															
Note :)	Always use m	easuring Instrum	ents 1/1	10 of its tolearnce .											
											Аррг	roved By			
										-				<u>,</u>	



Manufacturing



PAT_UAT Sales ∨ Posted Documents Contacts Opportunities Sales Quotes Sales Notifications: 2 You can create contacts automatics	Tell me what you rel prod or	want to do			2)	X Cases -	Dynamitome	r Service I	Vlore∨ ⊭	<i>?</i> ,
Insight from the last three months	 Released Pro 	oduction Orders		Lists			Ec		4	
Released Production Orders									Ω	۲, ۲
	Reports More	options							¢ 7	≣ ()
No. ↑ Description	✓ Source No.	Routing No.	Quantity	Starting Date-Time	Ending Date-Time	Due Date	Assigned User ID	Status ↑	Search Descripti	on
23C/0001 Heater Starter Switch	<u>SW0810</u>	<u>RSW0810 1.0</u>	1,000	01-09-2022 15:40	02-09-2022 16:07	05-03-2023		Released	HEATER	R STA
23C/0002 Actuator Plate - 20° - Machined	03165000200	R03165000200	1	08-03-2023 15:46	08-03-2023 17:00	09-03-2023		Released	ACTUAT	for P

Release production order



Released Production Order

RPO/0153 · Finished Good

Process Print Ord	ler Actions 🗸	Related \lor Re	ports 🗸 🛛 Auto	mate 🗸 🛛 Fewer	options						Q
🗳 Change Status	😂 Refresh Produc	tion Order	🗟 Create Wareh	ouse Pick 🛛 👼 I	Update Unit Co	st 🔡 Replan	. 🔢 Graphical Scl	heduler			-C
No		RPO/0153				Quantity · · · · ·					1
Description		Finished Good				Due Date · · · · ·		18-09-2023			
Description 2	e e e e e e e e e e e e					Assigned User I)				\sim
Source Type		Item			\sim	Blocked · · · · ·		•••••			
Source No.	ana and	IT/TR/AUTO/00	0002		\sim	Last Date Modifi	ed ·····	18-09-2023			
Search Description		FINISHED GOO	D								
Lines Manage F	Functions Line Fe	wer options									ie Ei
Item No.	Due Date De	scription	S	arting Date-Time	Ending Date-Tin	ne Quanti	Unit of Ity Measure Code	Finished Quantity	Remaining Quantity	Unit Cost	Cost Amount
Lines Manag	e Functions	<u>Line</u> Fewe	r options		Pro-			Dř.			
item Availabi	lity by 🔽 📲	Reservation	Entries	Dimensions	s 📲 Rou	iting 🖸 Co	mponents a	ttem Tracking	Lines	9 Production	Journal
\rightarrow IT/TR/AUTO/.	: 18-09-2	023 Finis	hed Good		18-09-20	23 16:25 18-	09-2023 17:00	1	PCS		0

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Post consumption

Edit - Production Journal - Production Order RPO/0157 Finished Good

General													
Posting Date		19-09-202	23			Flushing Method Filte	۲····	Manual					\sim
Manage Process	Posting Line	More options											Ŕ
Entry Type	Posting Date	Item No.	Location Code	Gen. Prod. Posting Group	No.	Description	Location Code	Consumption Quantity	Setup Time	Run Time	Output	Quantity	Scrap Quantity
→ <u>Consumpti</u> :	19-09-2023	9-2023 IT/TR/AUTO/00003 RM			Raw Material 1		2						
Consumpti	19-09-2023	IT/TR/AUTO/00005		RM		Raw Material 3		1					
Consumpti	19-09-2023	T/TR/AUTO/00004		RM		Raw Material 2		3					
Output	19-09-2023	IT/TR/AUTO/00002			L9	Assembly Line No 9 - Misc.			0	0		0	0
Output	19-09-2023	IT/TR/AUTO/00002			PACKING AR	Packing Area			0	0		0	0
	inner Central							_		Enviro	nment	0 0	*
Released Pro	duction Order									PAI Sandb	ox ✓ Sav	red 🖸	2 ⁴
Edit - Product	ion Journal	- Production O	rder RPO/0	153 Finished	d Good								,,≝ ×
General Posting Date		18-09-20)23			Flushing Method Filter	r	Manual					~
Manage Process	Posting Line	More options											Ŕ
Entry Type	Posting Date	Item No.	No.	c	22 A2200	Consumption	Setun R Tir	un ne Output Quan	ntity Scrap	p Quantity	Fini	Fin loc Code	Departme Code
Output	18-09-2023	IT/TR/AUTO/00002	L9	4 (i) Th	e journal lines we	re successfully posted.		0	0	0	D		
→ <u>Output</u>	18-09-2023	IT/TR/AUTO/00002	PACKING AR					0	0	0			
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						L							

Change Status



Released Production Order RPO/0153 · Finished Good		? + 面		√Saved ⊏		
Change Status	Automate V Fewer options	Cost 📰 Replan 🏢 Graphical Sc	heduler			
No. RPO/0153		Quantity		1		
Description Finished Good		Due Date	18-09-2023			
Description 2		Assigned User ID		~		
Source Type Item	~	Blocked	••••••			
		Last Data Madified	18 00 2022			
Released Production Order RPO/0153 · Finished Good Process Print Order Actions ~ Related ~ Reports ~ General	Automate ~ Fewer options	+ 1		√Saved ⊡ ^x ^k		
No. RPO/0153 Description Finished Good Description 2 Item Source Type Item Source No. IT/TR/AUTO/00002 Search Description FINISHED GOOD	Do you want to change production order? New Status	 the status of this Firm Planned Released Finished 8-09-2023 	18-09-2023 18-09-2023 18-09-2023 18-09-2023	1 ~		
Lines Manage Functions Line Fewer options		Yes No		iet et		

Final Inspection Process

Search FI inspection in Global Search



- Search RPO number here.
- Select Line and click on Inspection Button.
- ➢ Inspection FQC Window will be Open.





> Fill the Parameters for Inspection.

Inspe	ction FQC															√ Saved	ן בי אַ
Q	Search 🐺	Edit Li	ist 📋 Delet	e													@ 7 ≣
	Document No↑ ▼		Line No 1	ltem No↑ ▼	Type Of Inspection	Param	Pri	Toler	UDL	LDL	Class	Method	Instrument No.	Sample Size	S1	\$7	Status
\rightarrow	RPO/0156	÷	10000	IT/TR/AU	Material (2)	mtc	test	2	1.00	3.00	<m></m>	mtc					





Post Inspection



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	, ^О гро/0156	× 🕸 E	idit List 🥑 Inspection	➔ Post More options								Ŀ	7	≣
	Job / Batch Card No.	Item No.	Description	Lot No.	Posting Date	Location Code	Quantity	Purpose of Inspection	Inspection Level	Fin Loc	FQC Status	Entry	No. †	Past Data
	→ <u>RPO/0156</u>	IT/TR/AUTO/	Finished Good	LOT0123	18-09-2023	LOC_001	1	FQC					2288	C

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	Rej	port					
Dynan	nics 365 Business Central				PAT Environment Sandbox	م	
\leftarrow	FI Inspection	Tell me what you want to do	2 ×		√ Saved		ہ ^{لا}
	✓ rpo/0156 × Edit	List Dinspec				¢ 7	≣
	Job / Batch Card No. Item No. D → RPO/0156 IT/TR/AUTO/ F	escription inished Good Go to Pager and Tasks Ported FI Inspection Administration		:tion Fin Loc	FQC Status	Entry No. ↑ 2288	Past Data
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PAT Environment: ho \cD

FC									Part No.	03165	5000200				Date	14-09-2023									
	Format name	e Final Inspection F	eport						Owner U	Jnit Manager- Qu	ality														
Job/Batch Card No. RPO/0146			RPO/0146	Purpose of I				spection	FQC			Inspection Level				vel									
	Lot No		LOT0099 Customer Name(If Req.)																						
	Total Lot Size	e 1		Sample Size	4			Insp	ected By								ſ		Res		Result		Result		ACCEPTED
		Dwg. Specification								Ob				bservation											
No	Insp Type	Parameters		Primary	Tolerance	UDL	LDL	Class	Method	Instrument No.	1	2	3	4	5		Status	Comment							
1	Material (2) mtc		test	2	1.00	3.00	<m></m>	mtc	3	ок	ок	ок			A	ccepted	test							
Notes																									
Note :	Always use me	easuring instrumen	ts 1/10 o	fits tolearnce.																					
										Approved By															







Thank You!



C-243, Sector 63, Noida UP 201307 +91 120 4146118,119

info@valuetechservices.co.in

www.valuetechservices.co.in

Hyderabad | Bengaluru Microsoft Dynamics

Branch Offices Ghaziabad | Hyderabad