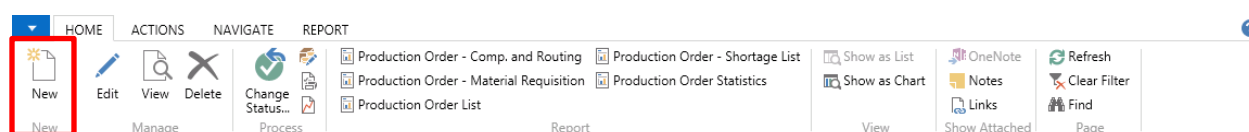




Creating a Released Production Order (RPO) in MS Dynamics NAV

Scenario: Assume a Released Production Order relating to item F51318 for 50000 quantities is to be created at location 10. Date assumptions could be made for the due date to be August 25, 2017 and the time entry period to be from July 24, 2017 to August 25, 2017.

To create a new Released Production Order go to the list of released production orders by navigating as Departments→Manufacturing→Execution→Released Prod. Orders and then click the “New” button listed on the ribbon. (*Note: Released Production Orders could also be created by converting a Firm Planned Production Order*)



The above action would open a new Released Production Order.

Released Production Order

General

No.: ... Assigned User ID:

Description: Routing No.:

Description 2: Job Reference No.:

Source Type: T.E. Start Date:

Source No.: T.E. Close Date:

Search Description: Blocked: ☐

Quantity: 0 Last Date Modified:

Due Date: Location Code:

Customer PO No.:

Lines

Item No.	Due Date	Description	Order ID	Location Code	Quantity
0	0				0

Notes

[Click here to create a new note.](#)

Schedule

Posting

OK



Fill in the information for the production order.

1032 · BAG, SCOOPING RICE HULLS, GRIF

General			
No.:	1032	...	Assigned User ID:
Description:	BAG, SCOOPING RICE HULLS, GRIF		Routing No.:
Description 2:	EA = 3.5 OZ BAG OF RICE HULLS		Job Reference No.:
Source Type:	Item		T.E. Start Date:
Source No.:	F51318		T.E. Close Date:
Search Description:	BAG, SCOOPING RICE HULLS, GRIF		Blocked:
Quantity:		50,000	Last Date Modified:
Due Date:	8/25/2017		Location Code:
			Customer PO No.:

No. - Automatically populated based on a number series.

Description – Automatically populated with the “Description” defined in the item master.

Description 2 – Automatically populated with the “Description 2” defined in the item master.

Source Type – The type should be selected as “Item” since the production order relates to an item order.

Source No. – This field needs to be filled in with the item number of the finished good produced.

Search Description – Automatically populated with the “Search Description” defined in the item master.

Quantity – The quantity to be produced.

Due Date – The date by which the order has to be completed.

Routing No. – Automatically populated with the “Routing No.” defined in the item master. However the user may have to change this if a different routing is used for the job. When carrying out the change the user needs to be cautious on the fact that the new routing number has to resemble the routing links of the previous.

Job Reference No. – Automatically populated based on the routing number selected.

T.E. Start Date – The earliest date on which time entry could begin via Client Payroll Manager.

T.E Close Date – The final date on which time entry could be recorded via Client Payroll Manager.

Location Code – The location in which production would be performed.

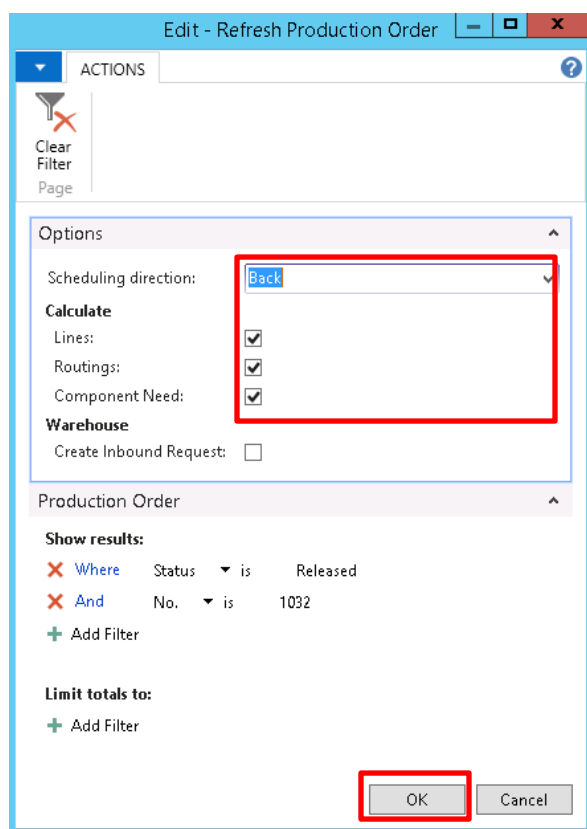
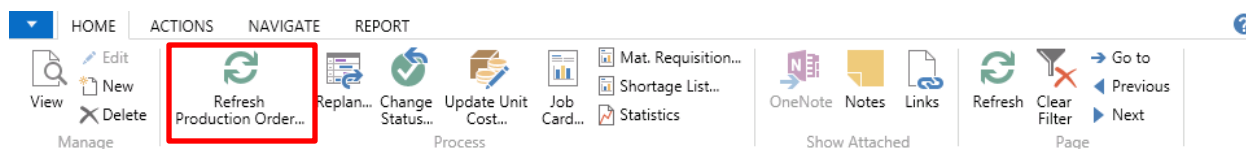
Customer PO No. – A reference that could be manually entered to track the relating customer PO.



Vertex Systems Production Processing

Once the information on the header is complete it is important to note that no information is required to be entered in the “Lines” section. The lines section is automatically created by the system once the “Refresh Production Order” process is executed.

To execute the production order refresh click on the “Refresh Production Order” button listed on the ribbon.



On the subsequent window ensure that the scheduling direction is set to “Back” and the check boxes are placed for calculating the Lines, Routings and Component Need. Finally click the “OK” button and this would create the production order line along with the relevant sublevels (production order routing, production order components)

Next click on Line → Send Order to Client Payroll.



Vertex Systems Production Processing

Edit - Released Production Order - 1032 · BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE REPORT

View Edit New Delete Manage Refresh Production Order... Replan... Change Status... Update Unit Cost... Job Card... Statistics Mat. Requisition... Shortage List... OneNote Notes Links Refresh Clear Filter Page Go to Previous Next

1032 · BAG, SCOOPING RICE HULLS, GRIF

General

No.: 1032 Assigned User ID: Routing No.: 60601-30 Job Reference No.: 60601-30
Description: BAG, SCOOPING RICE HULLS, GRIF
Description 2: EA = 3.5 OZ BAG OF RICE HULLS
Source Type: Item T.E. Start Date: 7/24/2017
Source No.: F51318 T.E. Close Date: 8/25/2017
Search Description: BAG, SCOOPING RICE HULLS, GRIF
Quantity: 50,000 Blocked: Last Date Modified: 7/24/2017
Due Date: 8/25/2017 Location Code: 10
Customer PO No.: 1234567

Notes
[Click here to create a new note.](#)

Lines

Functions Line Find Filter Clear Filter

Item No.	Item Availability by	Order ID	Location Code	Quantity
F51318	Reservation Entries			
	Dimensions Ctrl+Shift+D			
	Routing			
	Components			
	Item Tracking Lines Ctrl+Shift+I			
	Production Journal			
	Comments			
Schedule	Send Order to Client Payroll	3:54:42 PM	7/12/2017	4:00:00 PM 8/24/2017
Posting				FG INV 10

OK

Microsoft Dynamics NAV

Production Order No. 1032, Item No. F51318, will be sent to Client Payroll.

OK to proceed?

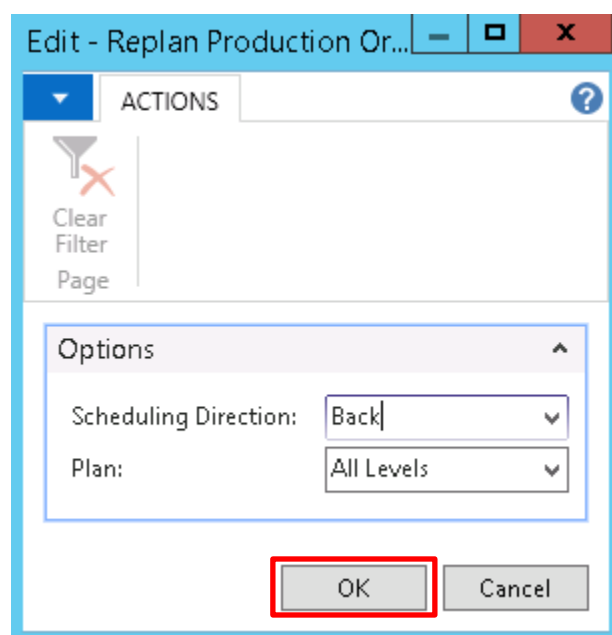
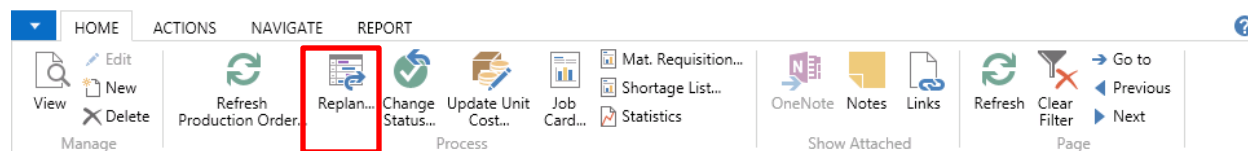
Yes No

When the action is confirmed by clicking the “Yes” button it would synchronize the Released Production Order with Client Payroll and generate the “Order ID”.



Changes to Synchronized Released Production Orders

In the event changes are required to a Released Production Order it is mandatory that the order be re-planned and re-synchronized. In order to do this after the Released Production Order has been modified click on the “Replan” button listed on the ribbon.



On the subsequent window ensure that the Scheduling Direction is set to “Back” and the Plan is set for “All Levels”. Finally click the “OK” button and this would re-plan the production order.

Next click on Line → Send Order to Client Payroll to ensure that the changes are synchronized with Client Payroll Manager.



Checking routings or components pre/post-production

To check the routings or components on a production order click on Line→ Routing or Line→Components. The capacity or component need for the production order could be checked by using this information.

Item No.	Order ID	Location Code	Quantity
F51318	010	10	50,000

The production order routings would show the information relating to each step inclusive of the “Expected Capacity Need”. The “Expected Capacity Need” would indicate the amount of time required at each step to produce the entire finished good quantity.

Operation No.	Type	No.	Description	Prevailing Wage ID	Run Time	Time Study Rate	FL... M...	Expected Capacity Need
01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS I...	1199	0.0036	278.00	Manual	179.8561
04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE	1199	0.00057	1,759.00	Manual	28.4252
05	Work Center	WC001	CLOSE, TAPE AND SKID	1199	0.00719	139.00	Manual	359.7122
06	Work Center	WC001	HEAT SEAL BAG, ASIDE	1199	0.00235	425.00	Manual	117.6471
91	Work Center	WC001	MATERIAL HANDLING, FLOOR ...	1198	0.00043	2,347.00	Manual	21.3038



Vertex Systems Production Processing

The production order components would show the information relating to each component inclusive of the “Expected Quantity” and the “Flushing Method”. The “Expected Quantity” is the individual component quantity required to produce the total finished good quantity. The “Flushing Method” would indicate if the system would automatically post consumption or the whether the user would have to post consumption manually.

If flushing method is “Manual”

<div> <div>▼</div> <div>HOME ACTIONS NAVIGATE</div> <div>?</div> </div>								
<div> <div>New</div> <div>View List</div> <div>Edit List</div> <div>Delete</div> <div>Print...</div> <div>Show as List</div> <div>Show as Chart</div> <div>OneNote</div> <div>Notes</div> <div>Links</div> <div>Refresh</div> <div>Clear Filter</div> <div>Find</div> </div>								
<div> <div>New</div> <div>Manage</div> <div>Process</div> <div>View</div> <div>Show Attached</div> <div>Page</div> </div>								
Prod. Order Components ▼			<div> <div>Type to filter (F3)</div> <div>Item No. ▼</div> <div>→</div> <div>▼</div> </div>					
			Filter: Released • 1032 • 10000					
Item No.	Due Date	Description	Quantity per	Unit of Measure Code	Routing Link Code	Flushing Method	Expected Quantity	
C12841	8/9/2017	BAG, 7" x 10" LOW DENSITY 1.5	1	EA	01	Manual	50,000	
C12842	8/9/2017	MATERIAL, RICE HULL	3.5	OZ	01	Manual	175,000	
C13230	8/23/2017	WRAP, POLY, STRETCH 20" X 10,0	0.04808	FEET	91	Manual	2,404	
C12860	7/12/2017	BOX, CORG, 23" x 19" x 14 5/16	0.00769	MC	04	Manual	384.5	

If flushing method is “Backward” (*alternate scenario*)

<div> <div>▼</div> <div>HOME ACTIONS NAVIGATE</div> <div></div> </div>								
<div> <div>New</div> <div>View List</div> <div>Edit List</div> <div>Delete</div> <div>Print...</div> <div>Show as List</div> <div>Show as Chart</div> <div>OneNote</div> <div>Notes</div> <div>Links</div> <div>Refresh</div> <div>Clear Filter</div> <div>Find</div> </div>								
<div> <div>New</div> <div>Manage</div> <div>Process</div> <div>View</div> <div>Show Attached</div> <div>Page</div> </div>								
Prod. Order Components ▼			<div> <div>Type to filter (F3)</div> <div>Item No. ▼</div> <div>→</div> <div></div> </div>					
			Filter: Released • 1032 • 10000					
Item No.	Due Date	Description	Quantity per	Unit of Measure Code	Routing Link Code	Flushing Method	Expected Quantity	
C12841	8/9/2017	BAG, 7" x 10" LOW DENSITY 1.5	1	EA	01	Backward	50,000	
C12842	8/9/2017	MATERIAL, RICE HULL	3.5	OZ	01	Backward	175,000	
C13230	8/23/2017	WRAP, POLY, STRETCH 20" X 10,0	0.04808	FEET	91	Backward	2,404	
C12860	7/12/2017	BOX, CORG, 23" x 19" x 14 5/16	0.00769	MC	04	Backward	384.5	



If flushing method is “Forward” (*alternate scenario*)

HOME		ACTIONS		NAVIGATE											
New	View List	Edit List	Delete	Print...	Show as List	Show as Chart	OneNote	Notes	Links	Refresh	Clear Filter	Find			
New	Manage	Manage		Process	View	View	Show Attached			Page					

Prod. Order Components ▾

Type to filter (F3) | Item No. ▾ | ➔

Filter: Released • 1032. • 10000

Item No.	Due Date	Description	Quantity per	Unit of Measure Code	Routing Link Code	Flushing Method	Expected Quantity
C12841	12/6/2017	BAG, 7" x 10" LOW DENSITY 1.5	1	EA	01	Forward	50,000
C12842	12/6/2017	MATERIAL, RICE HULL	3.5	OZ	01	Forward	175,000
C13230	12/20/2017	WRAP, POLY, STRETCH 20" X 10,0	0.04808	FEET	91	Forward	2,404
C12860	12/20/2017	BOX, CORG, 23" x 19" x 14 5/16	0.00769	MC	04	Forward	384.5

Note: The “Expected Capacity Need” and “Expected Quantity” columns may not be visible initially and user might have to make them visible as a one-time setup.



Recording production

The functionality of the Production Journal is used in order to record production. Open the production journal by clicking on Line→ Production Journal.

1032 · BAG, SCOOPING RICE HULLS, GRIF

General

No.: 1032
Description: BAG, SCOOPING RICE HULLS, GRIF
Description 2: EA = 3.5 OZ BAG OF RICE HULLS
Source Type: Item
Source No.: F51318
Search Description: BAG, SCOOPING RICE HULLS, GRIF
Quantity: 50,000
Due Date: 8/25/2017

Assigned User ID:
Routing No.: 60601-30
Job Reference No.: 60601-30
T.E. Start Date: 7/24/2017
T.E. Close Date: 8/25/2017
Blocked:
Last Date Modified: 7/24/2017
Location Code: 10
Customer PO No.: 1234567

Notes
[Click here to create a new note.](#)

Lines

Functions Line Find Filter Clear Filter

Item No.	Order ID	Location Code	Quantity
F51318	18447	10	50,000

Item Availability by
Reservation Entries
Dimensions Ctrl+Shift+D
Routing
Components
Item Tracking Lines Ctrl+Shift+I
Production Journal
Comments
Send Order to Client Payroll

Schedule 3:54:42 PM 7/12/2017 4:00:00 PM 8/24/2017
Posting FG INV 10

OK

This would open the Production Journal window.



Vertex Systems Production Processing

Edit - Production Journal - Production Order 1032. BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: Manual

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Flushing Method	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...		Manual	10	50,000	0
Consumption	C12841				BAG, 7" x 10" LOW DENSITY 1.5	50,000	Manual	10		
Consumption	C12842				MATERIAL, RICE HULL	175,000	Manual	10		
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE		Manual	10	50,000	0
Consumption	C12860				BOX, CORG, 23" x 19" x 14 5/16	384.5	Manual	10		
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID		Manual	10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE		Manual	10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE		Manual	10	50,000	0
Consumption	C13230				WRAP, POLY, STRETCH 20" X 10,0	2,404	Manual	10		

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0 0 0 0

OK

The production journal by default would have the “Flushing Method Filter” set to “Manual”. The rationale for this is that the system requires inputs from the user only on components or operations that use a manual flushing method.

If the components are defined as manual flushing on the item card they would be listed under the “Manual” flushing method filter. In this instance the system calculates the consumption but provides the user the option of adjusting the quantities based on actual consumption.

Alternate scenarios (Backward / Forward Flushing)

There may be *alternate scenarios* where components are set to backward flushing or forward flushing.

Backward flushing

In the below instance it is pertinent to note that the flushing method of the components relating to the finished good are set to “Backward”. Therefore they are not shown since the system automatically calculates the consumption based on the output posted as per the standard Bill of Materials (BoM) and does not expect an input from the user relating to the components. In this method provided that the components are linked to the operations using the routing link codes the consumption at an operation would take place only if an output is posted. The consumption posted by the system would be calculated based on the number of outputs posted.



In the event all operations and components need to be viewed regardless of the flushing method the user should set the “Flushing Method Filter” to “All Methods”. This would display the operations that are on “Manual” as well as the components that are on “Backward”

Edit - Production Journal - Production Order 1032. BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: All Methods

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Flushing Method	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...		Manual	10	50,000	0
Consumption	C12841				BAG, 7" x 10" LOW DENSITY 1.5	0	Backward	10		
Consumption	C12842				MATERIAL, RICE HULL	0	Backward	10		
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE		Manual	10	50,000	0
Consumption	C12860				BOX, CORG, 23" x 19" x 14 5/16	0	Backward	10		
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID		Manual	10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE		Manual	10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE		Manual	10	50,000	0
Consumption	C13230				WRAP, POLY, STRETCH 20" X 10,0	0	Backward	10		

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0 0 0 0 0

OK

Forward flushing

In the following instance the flushing method of the components relating to the finished good are set to “Forward”. Therefore they are not shown since the system automatically calculates the consumption based on the production order quantity as per the standard Bill of Materials (BoM) and does not expect an input from the user relating to the components. In this method provided that the components are linked to the operations using the routing link codes the consumption at an operation would take place once the first output is recorded. The system would post the entire consumption relating to the operation regardless of the number of outputs posted.

In the event all operations and components need to be viewed regardless of the flushing method the user should set the “Flushing Method Filter” to “All Methods”. This would display the operations that are on “Manual” as well as the components that are on “Forward”



Vertex Systems Production Processing

Edit - Production Journal - Production Order 1032. BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: All Methods

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Flushing Method	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...		Manual	10	50,000	0
Consumption	C12841				BAG, 7" x 10" LOW DENSITY 1.5	0	Forward	10		
Consumption	C12842				MATERIAL, RICE HULL	0	Forward	10		
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE		Manual	10	50,000	0
Consumption	C12860				BOX, CORG, 23" x 19" x 14 5/16	0	Forward	10		
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID		Manual	10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE		Manual	10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE		Manual	10	50,000	0
Consumption	C13230				WRAP, POLY, STRETCH 20" X 10,0	0	Forward	10		

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0 0 0 0

OK

Recording Output - Record the number of units produced at each step in the Output Quantity field. A Vertex feature has been made available which copies the Output Quantity entered on the first step on to the rest of the steps. This feature could be activated by placing a check mark on the "Auto fill Output Quantity" field in the Manufacturing Setup

Manufacturing Setup

General

Normal Starting Time: 8:00:00 AM Planning Warning: ☒

Normal Ending Time: 11:00:00 PM Doc. No. Is Prod. Order No.: ☒

Preset Output Quantity: Expected Quantity Dynamic Low-Level Code: ☒

Show Capacity In: HOURS Cost Incl. Setup: ☒

Auto fill Output Quantity: ☒

Recording Consumption – If the components are set to manual flush then the system would calculate the consumption but allow the user to adjust it based on the actual consumption quantities and post it.

If the components are set to backflush or forward flush (*alternate scenarios*) the system automatically posts the consumption as per the Output Quantity (if backflush) or production order Quantity (if forward flush) based on the standard BoM. The system controls the consumption and does not provide the option for the user to change consumption quantities.



Vertex Systems Production Processing

Recording Time (capacity) – *Capacity related inputs are not recorded through Microsoft Dynamics NAV instead they are recorded in Vertex Client Payroll Manager and automatically synchronized to Microsoft Dynamics NAV. If production orders are carried by staff and not clients and if such orders are not recorded in Vertex Client Payroll Manager then the customer has the option to post such time through the Production Journal.*

If the components are on Manual flush

Edit - Production Journal - Production Order 1032 BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: Manual

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...		10	50,000	0
Consumption	C12841				BAG, 7" x 10" LOW DENSITY 1.5	50,000	10		
Consumption	C12842				MATERIAL, RICE HULL	175,000	10		
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE		10	50,000	0
Consumption	C12860				BOX, CORG, 23" x 19" x 14 5/16	384.5	10		
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID		10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE		10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE		10	50,000	0
Consumption	C13230				WRAP, POLY, STRETCH 20" X 10,0	2,404	10		

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0 0 0 0 0

OK

Once the consumption quantities and output quantities have been entered the user could click on the “Post” button for the posting process to take place.



If the components are on Backflush or Forward flush (*alternate scenarios*)

Edit - Production Journal - Production Order 1032 BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: Manual

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...	10	10	50,000	0
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE	10	10	50,000	0
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID	10	10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE	10	10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE	10	10	50,000	0

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0 0 0 0 0

OK

Once the output quantities have been entered the user could click on the “Post” button for the posting process to take place.



The item ledger entries relating to the production order could be checked by selecting the Navigate tab on the ribbon and clicking on Entries→Item Ledger Entries.

View - Item Ledger Entries - Finished Production Order 1032 BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Navigate Show as List Show as Chart OneNote Notes Links Refresh Clear Filter Page Find

Item Ledger Entries ▾

Type to filter (F3) Posting Date ▾ Filter: Production • 1032

Posting Date	Entry Type	Document Type	Document No.	Item No.	Description	Location Code	Quantity	Invoiced Quantity	Remaining Quantity
7/24/2017	Consumpt...	1032	C12841			10	-50,000	-50,000	0
7/24/2017	Consumpt...	1032	C12842			10	-175,000	-175,000	0
7/24/2017	Consumpt...	1032	C13230			10	-2,404	-2,404	0
7/24/2017	Consumpt...	1032	C12860			10	-384.5	-384.5	0
7/24/2017	Output	1032	F51318			10	50,000	0	50,000

Close

Recording Scrap and Re-work

Scrap and rework are common processes that occur during production as a result of quality inspections at various stages.

Recording Scrap – Scrap is recoded at an operation / task level. When a finished item is identified as scrap it cannot be used in the production order and is discarded. Therefore in such situations those quantities are entered in the “Scrap Quantity” field against the specific operation. By doing this the cost of scrap would get absorbed in to the production order and would reflect a more realistic cost of production. Further if units are marked as scrap additional units would have to be produced in order to fulfil the customer order quantity (if no buffer has been built in to the order).

Recording Rework – Rework is the process where additional labor and components are used in order to rectify a defect on a finished item so that the finished item could pass quality standards. In such scenarios the additional components used would be entered in the “Consumption Quantity” field. If the components are on backflush or forward flush (**alternate scenario**) the Flushing Method Filter would have to be set to “All Methods” so that the components that are on backflush or forward flush are displayed.

The additional labor utilized for rework would be entered in Vertex Client Payroll Manager and automatically synchronized. If the labor is not Client related and is not entered via Vertex Client Payroll Manager it could be entered using the production journal in Microsoft Dynamics NAV.



Edit - Production Journal - Production Order 1031 BAG, SCOOPING RICE HULLS, GRIF

HOME ACTIONS NAVIGATE

Delete Post Post and Print Print... Refresh Find

Manage Process Page

General

Posting Date: 7/24/2017 Flushing Method Filter: All Methods

Entry Type	Item No.	Operation No.	Type	No.	Description	Consumption Quantity	Location Code	Output Quantity	Scrap Quantity
Output	F51318	01	Work Center	WC001	SCOOP 3.5 OZ OF RICE HULLS INTO B...		10	50,000	0
Consumption	C12841				BAG, 7" x 10" LOW DENSITY 1.5	0	10		
Consumption	C12842				MATERIAL, RICE HULL	0	10		
Output	F51318	04	Work Center	WC001	PLACE 130 BAGS IN MC, ASIDE		10	50,000	0
Consumption	C12860				BOX, CORG, 23" x 19" x 14 5/16	0	10		
Output	F51318	05	Work Center	WC001	CLOSE, TAPE AND SKID		10	50,000	0
Output	F51318	06	Work Center	WC001	HEAT SEAL BAG, ASIDE		10	50,000	0
Output	F51318	91	Work Center	WC001	MATERIAL HANDLING, FLOOR WORKE		10	50,000	0
Consumption	C13230				WRAP, POLY, STRETCH 20" X 10,0	0	10		

Actual

Consump. Qty. Setup Time Run Time Output Qty. Scrap Qty.

0

OK

Finishing Released Production Orders

When all production reporting is complete on a specific production order it is important that the production order be changed to “Finished” status. This is because finance related entries for the order are calculated and finalized only if the order is changed on to a Finished Production Order.

Prior to finishing a released production order ensure that all postings relating to the order are complete and accurate (*because once a production order is changed to “Finished” it would be locked for all changes*) then click on the “Change Status” button on the ribbon.

HOME ACTIONS NAVIGATE REPORT

View Edit New Delete Refresh Production Order... Replan. Change Status... Update Unit Cost... Job Card... Mat. Requisition... Shortage List... Statistics

Manage Process

OneNote Notes Links Refresh Clear Filter Go to Previous Next

Show Attached Page

This action would prompt another window in which the user has to ensure that the “New Status” is selected as “Finished” and the Posting Date is accurate. Finally click the “Yes” button.



Vertex Systems Production Processing

Edit - Change Status on Prod. Order

? x

? Do you want to change the status of this Production Order?

New Status: ☐ Firm Planned
☐ Released
☒ Finished

Posting Date: 7/24/2017

Update Unit Cost: ☐

Yes No

Once the process is complete the system would issue a notification that the order has been converted on to Finished Production Order.

Microsoft Dynamics NAV

x

i Production Order 1032 with status Released has been changed to Production Order 1032 with status Finished.

OK

This would complete the production process in Microsoft Dynamics NAV.



Checking on completed Production Orders

To check on completed production orders navigate as:

Departments→Manufacturing→History→Finished Prod. Orders

This would contain a listing of all completed production orders. Double click on a production order in order to open it for viewing.

View - Finished Production Order - 1032 · BAG, SCOOPING RICE HULLS, GRIF

HOME NAVIGATE

View Delete Statistics OneNote Notes Links Refresh Clear Filter Go to Previous Next

1032 · BAG, SCOOPING RICE HULLS, GRIF

General

No.: 1032 Routing No.: 60601-30

Description: BAG, SCOOPING RICE HULLS, GRIF Job Reference No.: 60601-30

Description 2: EA = 3.5 OZ BAG OF RICE HULLS T.E. Start Date: 7/24/2017

Source Type: Item T.E. Close Date: 8/25/2017

Source No.: F51318 Last Date Modified: 7/24/2017

Search Description: BAG, SCOOPING RICE HULLS, GRIF Location Code: 10

Quantity: 50,000 Customer PO No.: 1234567

Due Date: 8/25/2017

Notes

Click here to create a new note.

Lines

Line Find Filter Clear Filter

Item No.	Due Date	Description	Starting Date-Time	Ending Date-Time	Quantity	U	M	C
F51318	8/25/2017	BAG, SCOOPING RICE HULLS, GRIF	7/12/2017 3:54 PM	8/24/2017 4:00 PM	50,000	EA		

Schedule 3:54:42 PM 7/12/2017 4:00:00 PM 8/24/2017

Posting FG INV 10

Close

For further information contact Vertex Support at (800) 536-3427 or support@vertexsystems.com.