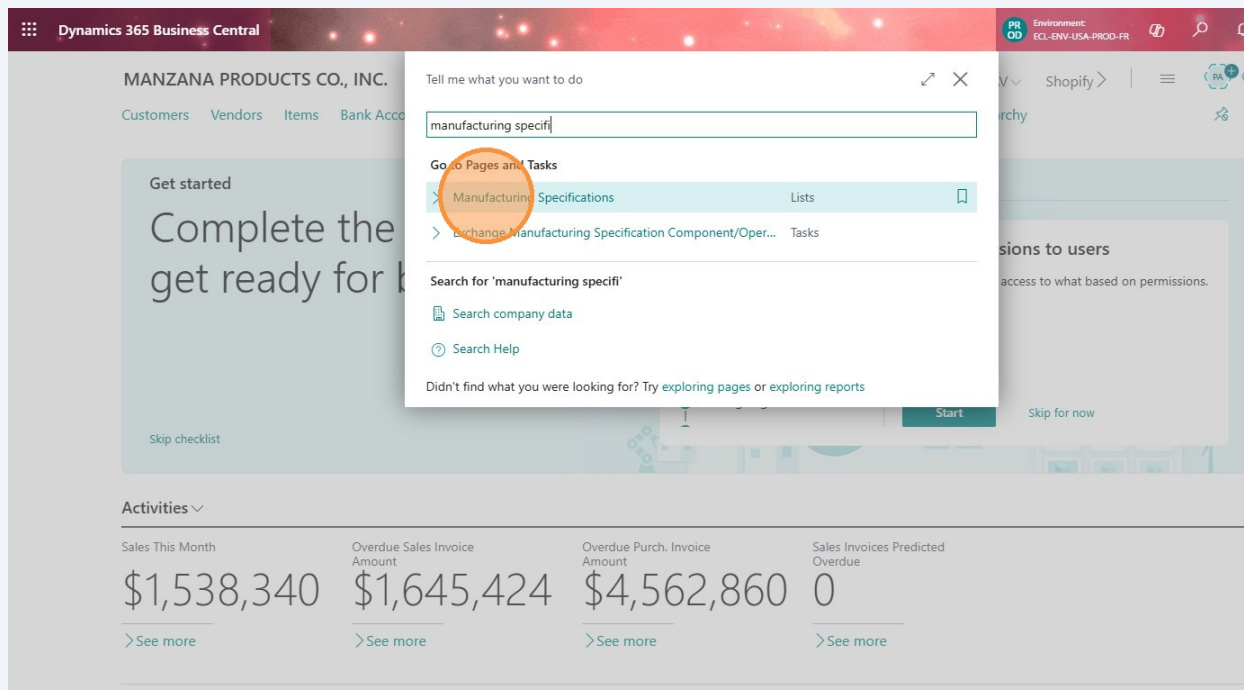


Modify Manufacturing Specifications and Joint Products in Business Central

Learn how to navigate and update manufacturing specifications and joint product details within Dynamics 365 Business Central. This guide will walk you through the necessary steps to effectively manage your production data.

1 Search up "Manufacturing Specifications" and click the link



2

To improve identification, the **Name** of the NAV CoBy BOMs has been added as **Description2** on the main page (e.g., "CB000001").

Dynamics 365 Business Central

Environment: ECL-ENV-USA-PROD-FR

Manufacturing Specifications

+ New Manage Manufacturing Specification Comparison Manufacturing Spec...rison (with Recipe) More options

No. ↑	Version Code ↑	Status	Item No.	Default Manuf... Specifi...	Base Unit of Measure Code	Unit of Measure Code	Description	Description 2	Location Code	Bin Code	Proc BOM
MS000004	0001	Certified	100027	Yes	LB	LB	ORG BLEND APPLE PUREE - BU...	CB000001	GREEN	OUTPUT	P00
MS000005	0001	Certified	100136	Yes	LB	LB	ORG HCRISP APPLE PUREE - B...	CB000005	GREEN	OUTPUT	P00
MS000006	0001	Certified	101944	Yes	GAL	GAL	ORG FERMENTING STOCK FOR...	CB000030	GREEN	T-FERM	P00
MS000007	0001	Certified	100579	Yes	GAL	GAL	M.O.B JUICE - BULK - DMSTC	CB000025	GREEN	BOTTLE CONS	P00
MS000008	0001	Certified	100026	Yes	LB	LB	NAT BLEND APPLE PUREE - BU...	CB000002	GREEN	OUTPUT	P00
MS000009	0001	Certified	100042	Yes	GAL	GAL	M.O.GA JUICE - BULK - DMSTC	CB000026	GREEN	BOTTLE CONS	P00
MS000010	0001	Certified	100043	Yes	GAL	GAL	M.O.G JUICE - BULK - DMSTC	CB000027	GREEN	BOTTLE CONS	P00
MS000011	0001	Certified	100133	Yes	LB	LB	ORG GRAV APPLE PUREE - BULK	CB000004	GREEN	OUTPUT	P00
MS000012	0001	Certified	100137	Yes	LB	LB	ORG GALA APPLE PUREE - BULK	CB000019	GREEN	OUTPUT	P00
MS000013	0001	Certified	100577	Yes	GAL	GAL	M.O.HC JUICE - BULK - DMSTC	CB000028	GREEN	BOTTLE CONS	P00
MS000014	0001	Certified	102816	Yes	LB	LB	ORG SBEE APPLE PUREE - BULK	CB000024	GREEN	OUTPUT	P00
MS000015	0001	Certified	102943	Yes	GAL	GAL	M.O.SBEE JUICE - BULK - DMS...	CB000029	GREEN	BOTTLE CONS	P00

3

To review the setup - Click "MS000004"

Dynamics 365 Business Central

Environment: ECL-ENV-USA-PROD-FR

Manufacturing Specifications

+ New Manage Manufacturing Specification Comparison Manufacturing Spec...rison (with Recipe) More options

No. ↑	Version Code ↑	Status	Item No.	Default Manuf... Specifi...	Base Unit of Measure Code	Unit of Measure Code	Description	Description 2	Location Code	Bin Code	Proc BOM
MS000004	0001	Certified	100027	Yes	LB	LB	ORG BLEND APPLE PUREE - BU...	CB000001	GREEN	OUTPUT	P00
MS000005	0001	Certified	100136	Yes	LB	LB	ORG HCRISP APPLE PUREE - B...	CB000005	GREEN	OUTPUT	P00
MS000006	0001	Certified	101944	Yes	GAL	GAL	ORG FERMENTING STOCK FOR...	CB000030	GREEN	T-FERM	P00
MS000007	0001	Certified	100579	Yes	GAL	GAL	M.O.B JUICE - BULK - DMSTC	CB000025	GREEN	BOTTLE CC	P00
MS000008	0001	Certified	100026	Yes	LB	LB	NAT BLEND APPLE PUREE - BU...	CB000002	GREEN	OUTPUT	P00
MS000009	0001	Certified	100042	Yes	GAL	GAL	M.O.GA JUICE - BULK - DMSTC	CB000026	GREEN	BOTTLE CC	P00
MS000010	0001	Certified	100043	Yes	GAL	GAL	M.O.G JUICE - BULK - DMSTC	CB000027	GREEN	BOTTLE CC	P00
MS000011	0001	Certified	100133	Yes	LB	LB	ORG GRAV APPLE PUREE - BULK	CB000004	GREEN	OUTPUT	P00
MS000012	0001	Certified	100137	Yes	LB	LB	ORG GALA APPLE PUREE - BULK	CB000019	GREEN	OUTPUT	P00
MS000013	0001	Certified	100577	Yes	GAL	GAL	M.O.HC JUICE - BULK - DMSTC	CB000028	GREEN	BOTTLE CC	P00
MS000014	0001	Certified	102816	Yes	LB	LB	ORG SBEE APPLE PUREE - BULK	CB000024	GREEN	OUTPUT	P00
MS000015	0001	Certified	102943	Yes	GAL	GAL	M.O.SBEE JUICE - BULK - DMS...	CB000029	GREEN	BOTTLE CC	P00

4 In the General section:

- No. and Version Code are automatically generated.
- Enter the item number that you are creating this joint product BOM for. That will give you the description from the item card and the UOM
- Then add the Location and Bin Code

The screenshot shows the 'Manufacturing Specification Header' form in Dynamics 365 Business Central. The title bar indicates 'PR OD' and 'Environment: ECL-ENV-USA-PROD-FR'. The form is titled 'MS000004 · 0001'. The 'General' tab is active, and the 'No.' field is highlighted with an orange circle. The form contains the following fields:

Field	Value
No.	MS000004
Version Code	0001
Item No.	100027
Description	ORG BLEND APPLE PUREE - BULK
Description 2	CB000001
Base Unit of Measure Code	LB
Unit of Measure Code	LB
From Lot Size	0
To Lot Size	0
Default Manufacturing Specification	Yes
Status	Certified
Starting Date	
Routing Type	Serial
Location Code	GREEN
Bin Code	OUTPUT
Responsibility Center	
Recipe Quantity	
Recipe Quantity (Percent)	
Feature Transfer Version	☐
Batch-based Production	☐
Batch Size (Base)	

At the bottom, there are tabs for 'Lines', 'Manage', 'Functions', 'Line', and 'Move Lines'. The 'Manage' tab is currently selected.

5

Lines Section

1. Enter the **Work Centers** that make up the routing process.
2. In this example, **four Work Centers** are listed.
3. The **final Work Center** is the **output Work Center**.
4. Under the output Work Center, enter the **components required to produce the item** defined in the **General section (in this example 100027)**.

Manufacturing Specification Header

MS000004 · 0001

Copy... Create a new Version Print... Features Yaveon 365 Header Texts Yaveon 365 Footer Texts Actions Related Automate Fewer options

Default Manufacturing Specification Yes Batch Size (Base)

Status Certified

Lines Manage Functions Line Move Lines

New Line Delete Line

Type	No.	Part of Rec...	Component Type	Description	Quantity per	Proportion %	Unit of Measure Code	Location Code	Bin Code	Setup Time
Work Center	POWER	☐		POWER	0	0				0
Work Center	OH	☐		OVERHEAD	0	0				0
Work Center	BERTOCCHI 1...	☐		BERTOCCHI LINE 1 DIRECT LAB...	0	0				0
Work Center	BERTOCCHI L...	☐		BERTOCCHI LINE 1 OUTPUT	0	0				0
Item	100024	☐	Prod. Orde...	ORG BLEND APPLE - JCE/SCE	1.15	0	LB	GREEN	CONS	0
Item	100025	☐	Prod. Orde...	ORG GALA APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100111	☐	Prod. Orde...	ORG HCRISP APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100118	☐	Prod. Orde...	ORG GRAV APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	102815	☐	Prod. Orde...	ORG SBEE APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	103104	☐	Prod. Orde...	ORG BLEND PEELER APPLE - ...	0	0	LB	GREEN	CONS	0
Item	103105	☐	Prod. Orde...	ORG HCRISP PEELER APPLE - ...	0	0	LB	GREEN	CONS	0

6

The Miscellaneous section will auto generate once you "certify" the manufacturing Specification & will assign the BOM and Routing to the item number (in this example 100027)

Copy... Create a new Version Print... Features Yaveon 365 Header Texts Yaveon 365 Footer Texts Actions Related Automate Fewer options										
Work Center	BERTOCCHI L...			BERTOCCHI LINE 1 OUTPUT	0	0				0
Item	100024	☐	Prod. Orde...	ORG BLEND APPLE - JCE/SCE	1.15	0	LB	GREEN	CONS	0
Item	100025	☐	Prod. Orde...	ORG GALA APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100111	☐	Prod. Orde...	ORG HCRISP APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100118	☐	Prod. Orde...	ORG GRAV APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	102815	☐	Prod. Orde...	ORG SBEE APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	103104	☐	Prod. Orde...	ORG BLEND PEELER APPLE - ...	0	0	LB	GREEN	CONS	0
Item	103105	☐	Prod. Orde...	ORG HCRISP PEELER APPLE - ...	0	0	LB	GREEN	CONS	0

Miscellaneous

Production BOM No. P00001-000001

Certification Date 3/3/2026

Production BOM Version Code 0001

Certified By NKASSIS 1

Routing No. RT00140

Dev. Recipe No. -

Routing Version Code 0001

Dev. Recipe Version Code -

Yaveon 365 Joint Production

Joint Products ☒

Unit Price 0.25:

Cost Share Joint Production Manual

Routing No. By-Products RT00270

7

To review the routing for the output item, simply click in the link and it will take you to the routing. It is important to note that the routing created for the output item will be automatically generated, Click "RT00140"

Copy... Create a new Version Print... Features Yaveon 365 Header Texts Yaveon 365 Footer Texts Actions Related Automate Fewer options										
Work Center	BERTOCCHI L...			BERTOCCHI LINE 1 OUTPUT	0	0				0
Item	100024	☐	Prod. Orde...	ORG BLEND APPLE - JCE/SCE	1.15	0	LB	GREEN	CONS	0
Item	100025	☐	Prod. Orde...	ORG GALA APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100111	☐	Prod. Orde...	ORG HCRISP APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100118	☐	Prod. Orde...	ORG GRAV APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	102815	☐	Prod. Orde...	ORG SBEE APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	103104	☐	Prod. Orde...	ORG BLEND PEELER APPLE - ...	0	0	LB	GREEN	CONS	0
Item	103105	☐	Prod. Orde...	ORG HCRISP PEELER APPLE - ...	0	0	LB	GREEN	CONS	0

Miscellaneous

Production BOM No. P00001-000001

Certification Date 3/3/2026

Production BOM Version Code 0001

Certified By NKASSIS 1

Routing No. RT00140

Dev. Recipe No. -

Routing Version Code 0001

Dev. Recipe Version Code -

Yaveon 365 Joint Production

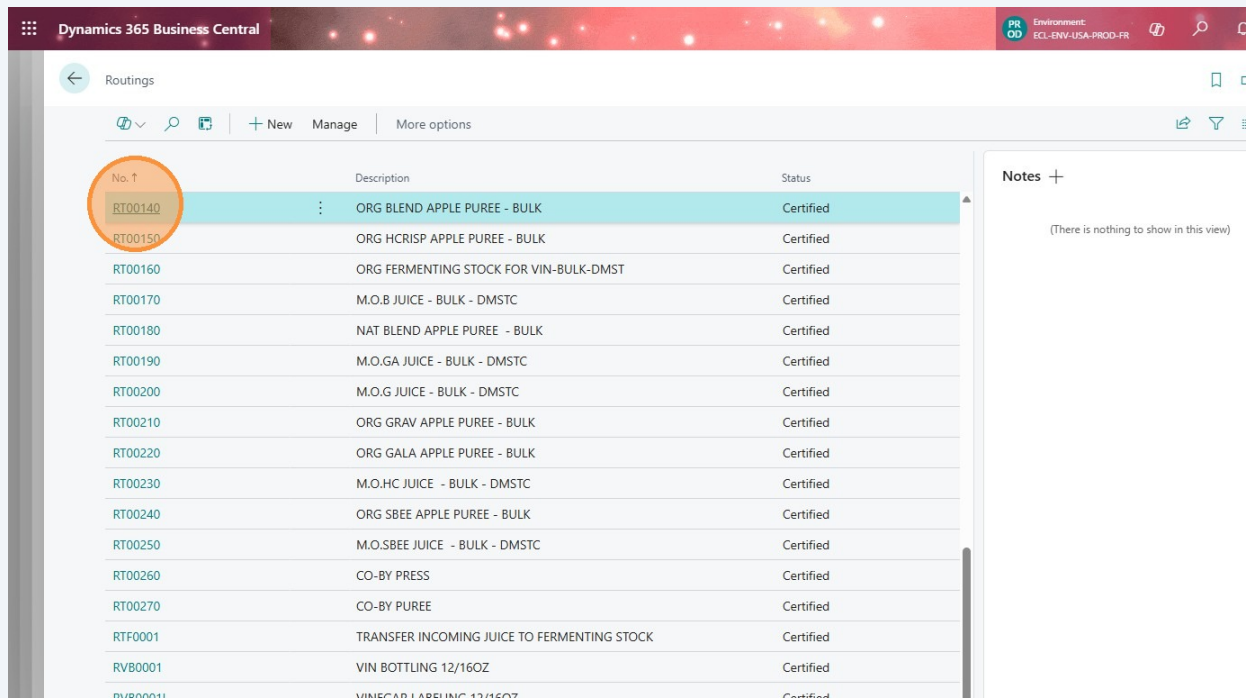
Joint Products ☒

Unit Price 0.25:

Cost Share Joint Production Manual

Routing No. By-Products RT00270

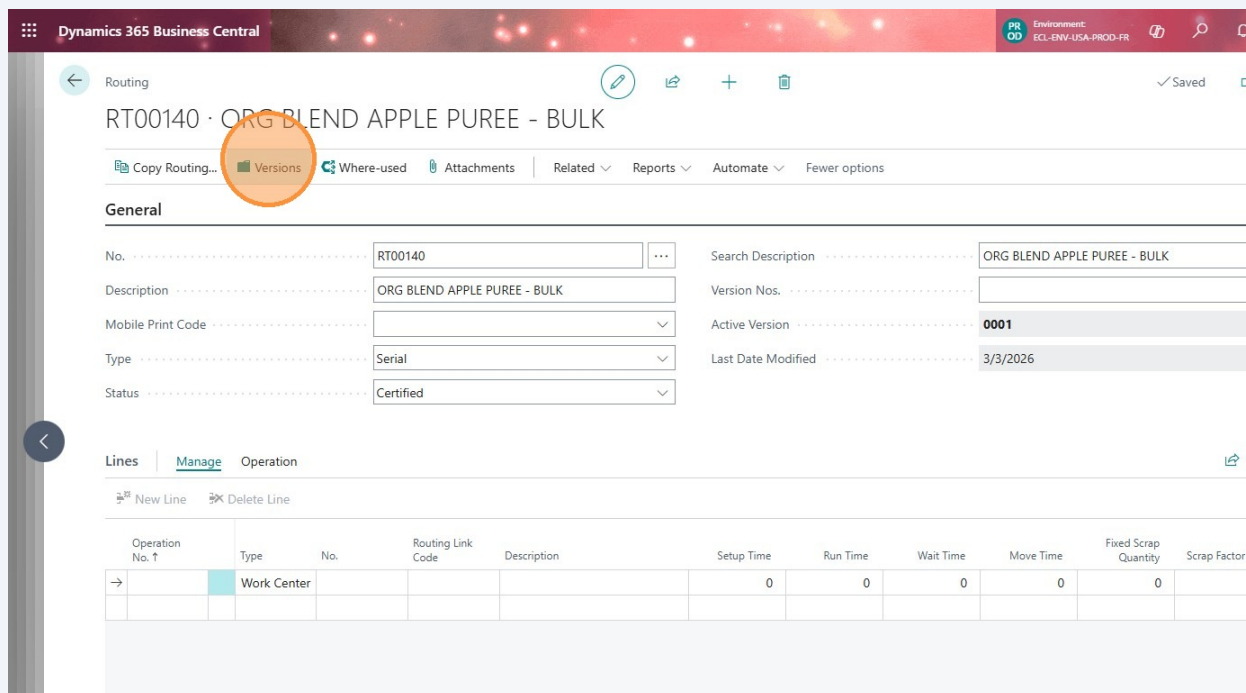
8 Click "RT00140"



The screenshot shows the 'Routings' list in Dynamics 365 Business Central. The list has columns for 'No.', 'Description', and 'Status'. The first row, 'RT00140', is highlighted in blue and circled in orange. The 'Description' for this row is 'ORG BLEND APPLE PUREE - BULK' and its 'Status' is 'Certified'. Other rows in the list include 'RT00150', 'RT00160', 'RT00170', 'RT00180', 'RT00190', 'RT00200', 'RT00210', 'RT00220', 'RT00230', 'RT00240', 'RT00250', 'RT00260', 'RT00270', 'RTF0001', 'RVB0001', and 'RVB0001'. A 'Notes' pane on the right shows '(There is nothing to show in this view)'.

No.	Description	Status
RT00140	ORG BLEND APPLE PUREE - BULK	Certified
RT00150	ORG HCRISP APPLE PUREE - BULK	Certified
RT00160	ORG FERMENTING STOCK FOR VIN-BULK-DMST	Certified
RT00170	M.O.B JUICE - BULK - DMSTC	Certified
RT00180	NAT BLEND APPLE PUREE - BULK	Certified
RT00190	M.O.GA JUICE - BULK - DMSTC	Certified
RT00200	M.O.G JUICE - BULK - DMSTC	Certified
RT00210	ORG GRAV APPLE PUREE - BULK	Certified
RT00220	ORG GALA APPLE PUREE - BULK	Certified
RT00230	M.O.HC JUICE - BULK - DMSTC	Certified
RT00240	ORG SBEE APPLE PUREE - BULK	Certified
RT00250	M.O.SBEE JUICE - BULK - DMSTC	Certified
RT00260	CO-BY PRESS	Certified
RT00270	CO-BY PUREE	Certified
RTF0001	TRANSFER INCOMING JUICE TO FERMENTING STOCK	Certified
RVB0001	VIN BOTTLING 12/16OZ	Certified
RVB0001	VINEGAR LABELING 12/16OZ	Certified

9 Click "Versions"



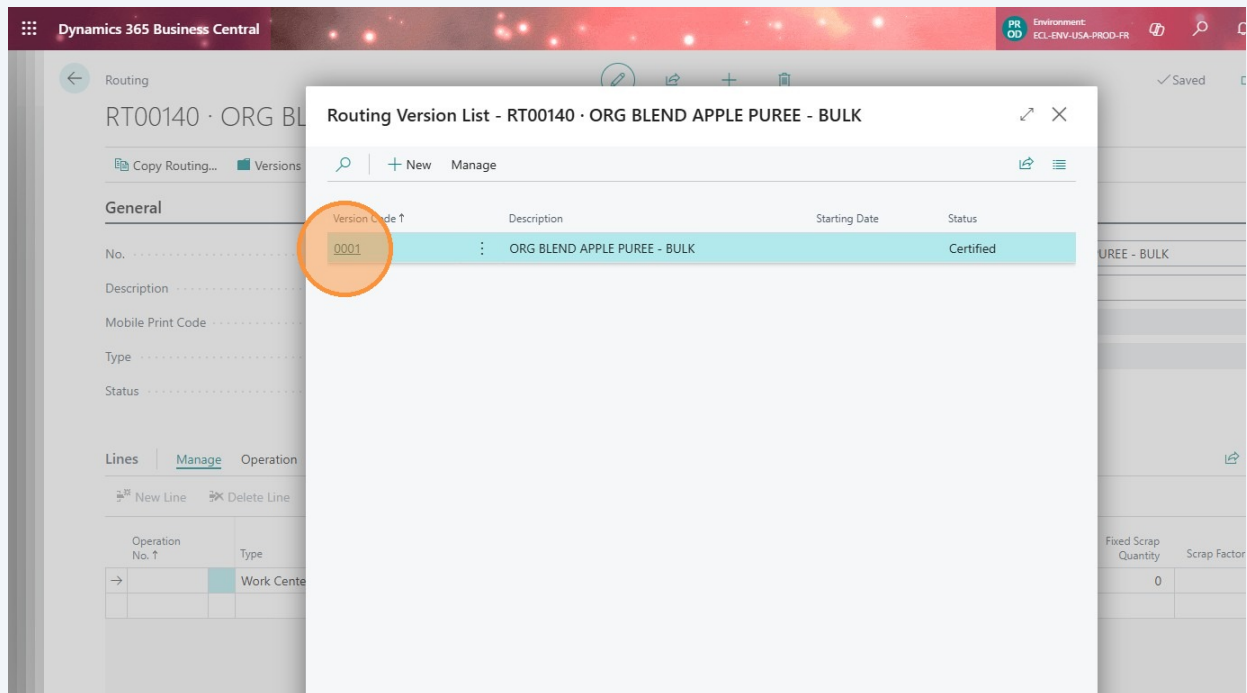
The screenshot shows the 'Routing' details page for 'RT00140 - ORG BLEND APPLE PUREE - BULK'. The 'Versions' tab is selected and circled in orange. The 'General' section shows the following details:

- No.: RT00140
- Description: ORG BLEND APPLE PUREE - BULK
- Mobile Print Code: (empty)
- Type: Serial
- Status: Certified
- Search Description: ORG BLEND APPLE PUREE - BULK
- Version Nos.: (empty)
- Active Version: 0001
- Last Date Modified: 3/3/2026

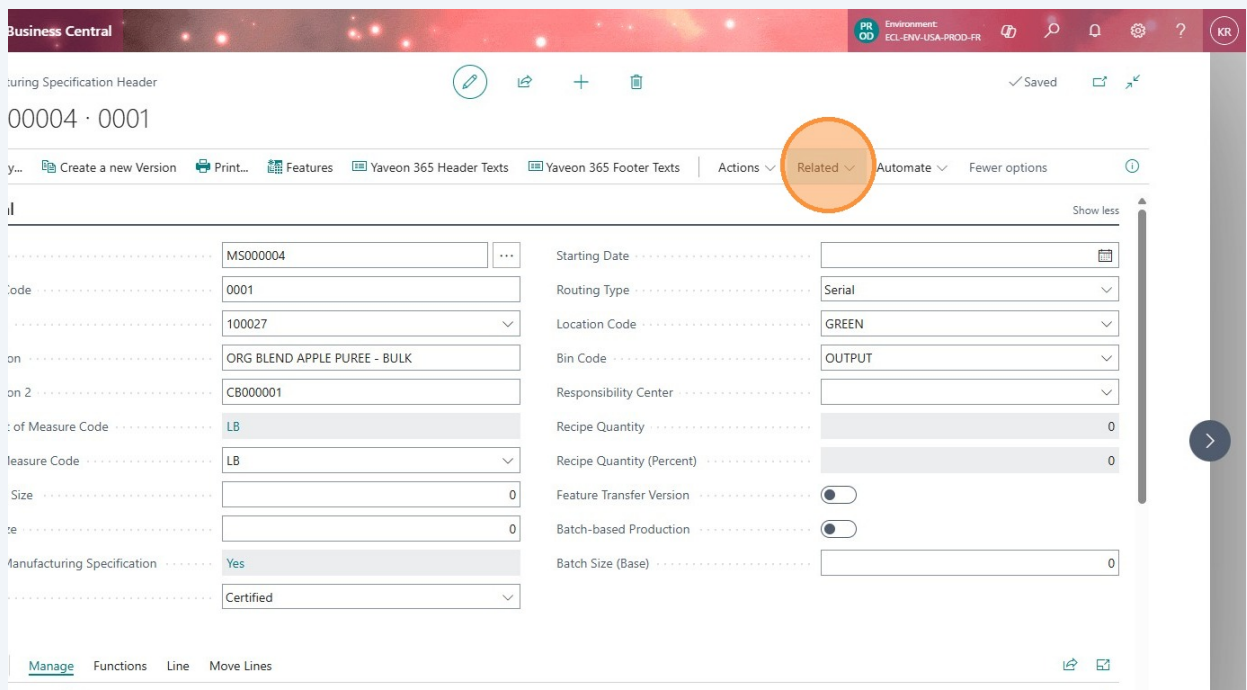
The 'Lines' section shows a table with columns: Operation No., Type, No., Routing Link Code, Description, Setup Time, Run Time, Wait Time, Move Time, Fixed Scrap Quantity, and Scrap Factor. The first row is highlighted in blue and circled in orange.

Operation No.	Type	No.	Routing Link Code	Description	Setup Time	Run Time	Wait Time	Move Time	Fixed Scrap Quantity	Scrap Factor
→	Work Center				0	0	0	0	0	

- 10 Click "0001" to review the routing for the output product (in this example 100027)



- 11 Back to the Manufacturing specification. To complete the Joint products part of the set-up, the Man Spec status needs to set to "Under Development", then Click "Related"



12 Click "Joint Products"

The screenshot shows the 'Manufacturing Specification Header' screen for item 'MS000004' and version '0001'. The 'Joint Products' tab is highlighted with an orange circle. The screen displays various fields for defining the manufacturing specification, including 'Starting Date', 'Routing Type', 'Location Code', 'Bin Code', 'Responsibility Center', 'Recipe Quantity', 'Recipe Quantity (Percent)', 'Feature Transfer Version', 'Batch-based Production', and 'Batch Size (Base)'. The 'Joint Products' tab is currently selected, and the 'Joint Production' toggle is turned on.

Field	Value
Item No.	MS000004
Version	0001
Location Code	100027
Description	ORG BLEND APPLE PUREE - BULK
Bin Code	CB000001
Unit of Measure Code	LB
Measure Code	LB
Size	0
Weight	0
Manufacturing Specification	Yes
Certified	Certified

13 This is where the items that are considered by-products are listed: Sortout, pomace, puree waste. Once you enter an item line here, BC recognizes that there is a joint product and the Joint Production tab and the toggle will turn itself on in the Manufacturing Specification screen.

The screenshot shows the 'Joint Products' tab in the 'Manufacturing Specification' screen. The 'Joint Products' tab is highlighted with an orange circle. The table lists three items that are considered by-products: 'ORG BLEND APPLE - SORTOUT...', 'ORG POMACE', and 'ORG PUREE WASTE'. The 'Joint Production' toggle is turned on.

Item No.	Description	Share %	Quantity	Unit of Measure Code	Location Code	Bin Code	Cost Share %
100093	ORG BLEND APPLE - SORTOUT...	0.01	0.0001	LB	GREEN	OUTPUT	0
102539	ORG POMACE	0.01	0.0001	LB	GREEN	OUTPUT	0
102541	ORG PUREE WASTE	0.01	0.0001	LB	GREEN	OUTPUT	0

14 Note that the Joint Products tab is now "Active"

Copy...
Create a new Version
Print...
Features
Yaveon 365 Header Texts
Yaveon 365 Footer Texts
Actions
Related
Automate
Fewer options

→ Work Center	BERTOCCHI L...	☐		BERTOCCHI LINE 1 OUTPUT	0	0				0
Item	100024	☐	Prod. Orde...	ORG BLEND APPLE - JCE/SCE	1.15	0	LB	GREEN	CONS	0
Item	100025	☐	Prod. Orde...	ORG GALA APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100111	☐	Prod. Orde...	ORG HCRISP APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100118	☐	Prod. Orde...	ORG GRAV APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	102815	☐	Prod. Orde...	ORG SBEE APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	103104	☐	Prod. Orde...	ORG BLEND PEELER APPLE - ...	0	0	LB	GREEN	CONS	0
Item	103105	☐	Prod. Orde...	ORG HCRISP PEELER APPLE - ...	0	0	LB	GREEN	CONS	0

Miscellaneous

Production BOM No. P00001-000001
Certification Date 3/3/2026

Production BOM Version Code 0001
Certified By NKASSIS 1

Routing No. RT00140
Dev. Recipe No. -

Routing Version Code 0001
Dev. Recipe Version Code -

Yaveon 365 Joint Production

Joint Products 
Unit Price 0.25329

Cost Share Joint Production Manual
Routing No. By-Products RT00270

15 Settings for Joint Products:

Maintain field "Cost Share Joint Production" = Manual

Routing N. By-Products = Maintain one of the 2 dedicated Co-By Routings in this field;

- RT00260 = CO-BY PRESS
- RT00270 = CO-BY PUREE

These routings do not have unit costs associated to them.

Copy...Create a new VersionPrint...FeaturesYaveon 365 Header TextsYaveon 365 Footer TextsActionsRelatedAutomateFewer options

→ Work Center	BERTOCCHI L...	☐		BERTOCCHI LINE 1 OUTPUT	0	0				0
Item	100024	☐	Prod. Orde...	ORG BLEND APPLE - JCE/SCE	1.15	0	LB	GREEN	CONS	0
Item	100025	☐	Prod. Orde...	ORG GALA APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100111	☐	Prod. Orde...	ORG HCRISP APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	100118	☐	Prod. Orde...	ORG GRAV APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	102815	☐	Prod. Orde...	ORG SBEE APPLE - JCE/SCE	0	0	LB	GREEN	CONS	0
Item	103104	☐	Prod. Orde...	ORG BLEND PEELER APPLE - ...	0	0	LB	GREEN	CONS	0
Item	103105	☐	Prod. Orde...	ORG HCRISP PEELER APPLE - ...	0	0	LB	GREEN	CONS	0

Miscellaneous

Production BOM No.

P00001-000001

Certification Date

3/3/2026

Production BOM Version Code

0001

Certified By

NKASSIS 1

Routing No.

RT00140

Dev. Recipe No.

—

Routing Version Code

0001

Dev. Recipe Version Code

—

Yaveon 365 Joint Production

Joint Products

☐

Unit Price

0.25329

Cost Share Joint Production

Manual

Routing No. By-Products

RT00270

16

Once creation or maintenance is complete, remember to certify the Manufacturing Specification.

Copy... Create a new Version Print... Features Yaveon 365 Header Texts Yaveon 365 Footer Texts Actions Related Automate Fewer options

General

No. MS000004 Starting Date
Version Code 0001 Routing Type Serial
Item No. 100027 Location Code GREEN
Description ORG BLEND APPLE PUREE - BULK Bin Code OUTPUT
Description 2 CB000001 Responsibility Center
Base Unit of Measure Code LB Recipe Quantity
Unit of Measure Code LB Recipe Quantity (Percent)
From Lot Size 0 Feature Transfer Version
To Lot Size 0 Batch-based Production
Default Manufacturing Specification Yes Batch Size (Base)
Status Certified

Lines Manage Functions Line Move Lines

New Line Delete Line

Type	No.	Part of Recl...	Component Type	Description	Quantity per	Proportion %	Unit of Measure Code	Location Code	Bin Code	Setup Time
Work Center	POWER	☐		POWER	0	0				0
Work Center	OH	☐		OVERHEAD	0	0				0