



**ORCHESTRA**

# **OCloud Production**

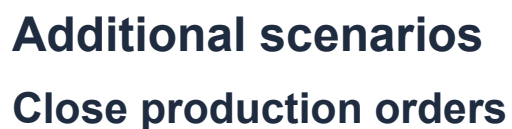
Part 3 of 3

**This guide will introduce you to the concepts, basics and main processes of Orchestrated Production. Let's get Brewing!**



# Contents

Additional scenarios	3
Close production orders	3
Empty tanks	4
Disassemble an incorrectly expressed PdO	5
Troubleshooting production	6
Blend two batches of beer together	7
Inventory transfer	9
Warehouse assignment wizard	11
Reports by persona	14



Modules > Production > Automation > PdO Close Wizard

Open PdO Close Wizard

- FOCloud Productions



## Empty tanks

Modules > Production > Production Forms > Packaging Worksheet

- Open Packaging Worksheet
- Select Location
- Verify leftover amount in Warehouse
  - Under Current Tank Status table
- Click in the top left dropdown <Goods Issue> click <Create New>
- Select date liquid was lost
- Fill out item that needs to be issued out/emptied (i.e. BB1001)
- Enter quantity that was lost (typically matches quantity in Warehouse)
- Input Warehouse where liquid is located (i.e. BT01)
- Variance Reason dropdown > choose specific reason
- Click <Add> <Auto-Select All> <OK> <Add> <Yes> <Cancel>
- On the Packaging Worksheet click <Refresh Matrix> to verify removal of liquid

Empty  
Tank

The screenshot displays the 'Packaging Worksheet' application interface. A 'Goods Issue' dialog box is open, showing fields for Number (10025), Series (Primary), Posting Date (10/14/20), Document Date (10/14/20), and Ref. 2. The dialog also has tabs for 'Contents' and 'Attachments'. The 'Contents' tab is active, showing a table with columns: Item No., Item Description, Quantity, Warehouse, Inventory, Item Cost, UoM Code, UoM Name, Dstr. Rule, and Variance Reason. The table contains one row with Item No. 1, Item Description 'Bright Beer - IPA', Quantity 0.2, Warehouse 099, and Variance Reason 'Misc. Loss'. The 'Remarks' field is empty, and the 'Journal Remark' field contains 'Goods Issue'. The 'Add' button is highlighted in red. In the background, the 'Packaging Worksheet' form is visible, showing a 'Current Tank Status' table with columns: Run #, Item Code, Item Name, Volume, Batch, Batch Received, Modified, and Approved. The table contains three rows of data. The 'Refresh Matrix' button is visible in the top right corner of the main form.

Run #	Item Code	Item Name	Volume	Batch	Batch Received	Modified	Approved
4	BB1003	Bright Beer - IPA	0.200	IPA1TRAINING	10/14/20		
3	BB1003	Bright Beer - IPA	56.500	IPA001	06/22/20		
3	BB1006	Bright Beer - Blonde Beck	0.200	BBK133-134	10/08/20		

Item No.	Item Description	Quantity	Warehouse	Inventory	Item Cost	UoM Code	UoM Name	Dstr. Rule	Variance Reason
1	Bright Beer - IPA	0.2	099		\$1025.01	Manual	BBL		Misc. Loss
2									



## Disassemble an incorrectly expressed PdO

Modules > Production > Production Forms > [Brewing/Cellar/Packaging Worksheet](#)

- Open the worksheet associated with the production order that was incorrectly expressed (i.e. Wort on the Brewing Worksheet, Green/Brite Beer on the Cellar Worksheet)
  - *If the item you need to disassemble has been consumed (i.e. Wort was already consumed by Green Beer), you will need to disassemble what consumed it (i.e. Green Beer), and **work backwards***
- Select Location
- Select Start Date & End Date for the Production Orders you need to disassemble
- Ensure Status dropdown is set to 'Released'
- Click Refresh Matrix
- Select the Production Order (both issued and receipt boxes should be checked)
- Drill into the Production Order # (Prod#) via the yellow arrow
  - Opens up the single Production Order
- Right Click <**Disassemble**> <Yes> <Okay>

**Disassemble an  
incorrectly  
expressed  
Production Order**



## Troubleshooting production

If you see **red bars** during Expressing, this means you are out of inventory or your Production Order is trying to pull inventory from the wrong warehouse.

Express Production

Product Code: W1003 Warehouse: BH01 Production Order: 10029  
Product Name: Wort - IPA Due Date: 10/01/20  
Planned Qty: 30 BBL Production Date: 10/01/20  
Receive Qty: 0.000 BBL Batch ID:   
Variance:   
Initials:   
?

Item Code	Item Name	PlannedQty	WHse	ItemCode	BatchNumber	In Stock	UoM	In Date	ActQty
01. RM2005	2-Row Bulk	1,000.000							
			A1	RM2005	1234567	38,000.00	lb	05/01/20	1,000.00
			A1	RM2005	456789	550.00	lb	10/30/20	0.00
02. RM2028	Maris Otter supersack	200.000							
			A1	RM2028		0.00	lb		0.00
03. RM2024	C-45								

Drill into the PdO to make a substitution or change your warehouse.

Express Production

Product Code: W1003 Warehouse: BH01 Production Order: 10029  
Product Name: Wort - IPA Due Date: 10/01/20  
Planned Qty: 30 BBL Production Date: 10/01/20  
Receive Qty: 0.000 BBL Batch ID:   
Variance:   
Initials:   
?

Production Order

Type: Standard  
Status: Planned  
Product No.: W1003  
Product Description: Wort - IPA  
Planned Quantity: 30 UoM Name: BBL  
To Whse/Tank: BH01  
Last Applied BOM Version: Base BoM  
Master Production No.: 0  
☐ Procure Items

No. Primary: 10029  
Order Date: 10/01/20  
Production Date: 10/01/20  
Production Time: 11:57AM  
Due Date: 10/01/20  
User: smcginley-high  
Linked To: Sales Order  
Project:   
Prefix: Batch #: Batch Date: Suff:   
New

#	Type	No.	Description	Base Qty	Base Ratio	Planned Qty	Issued	Available	UoM Code	UoM Name	F.
1	Item	RM2005	2-Row Bulk	33.333	33/1000000	1,000	0	31,605	Manual	lb	
2	Item	RM2028	Maris Otter supersack	6.667	67/1000000	200	0	-1,400	Manual	lb	

Once updates/corrections are made. Click <Refresh> on the Express Screen

Refresh



## Blend two batches of beer together

Modules > Production > Production Forms > Cellar Worksheet

- Highlight the tank in the Current Tank Status window (this will be the tank that contains 2 different batches)
- **<Right Click>** choose Blend Tank

Cellar Worksheet

Production: Express, Issue, Receipt, Status, GR, Close

Current Tank Status:

Warehouse	Item Code	Item Name	Volume	Batch	Days Left	Batch Received	Modified
BT01	BB0303	Bright Beer - IPA	56.000	IPA001	-81	06/12/20	
BT02	BB0306	Bright Beer - Blonde Bock	57.000	BBK133-134	-765	10/08/18	
BT02	BB0306	Bright Beer - Blonde Bock		BBK135	-765	10/08/18	
BT03							
BT04							
BT05							
PV01	GB1005	Green Beer - Portlandia Porter		PRP122-122	-752	10/08/18	

Current Production Orders:

S	Batch	HPN	Production Order #	Style	Date	From Where	To Where	Planned Qty	Volume in Tank	Issued	Receipt
---	-------	-----	--------------------	-------	------	------------	----------	-------------	----------------	--------	---------

Right-click context menu options: Copy, Copy Table, Maximize/Restore Grid, Filter Table, Blend Tank, Add Adjuncts

Blending & Additions

Status: Open

Final Item: BB1006 Bright Beer - Blonde Bock

Warehouse: BT02

Quantity: 77.000

Blend Date: 10/08/18

Batch: BBK133-134-135

Input Items:

	ItemCode	ItemName	Quantity	UoM Name	Warehouse	Batch
1	BB1006	Bright Beer - Blonde Bock	20.000	BBL	BT02	BBK135
2	BB1006	Bright Beer - Blonde Bock	57.000	BBL	BT02	BBK133-134

Comments:

Inbound Pdo: Outbound Pdo:

Add Cancel

- Verify the combination of different batches being combined
- Change the batch number (if you so choose)
- Click **<Add>**





Cellar Worksheet

Cellar Green Beer Location Main Location Status Planned/Released Start Date 10/01/20 End Date 10/31/20 Refresh Matrix

Production

Express

Issue

Receipt

Status

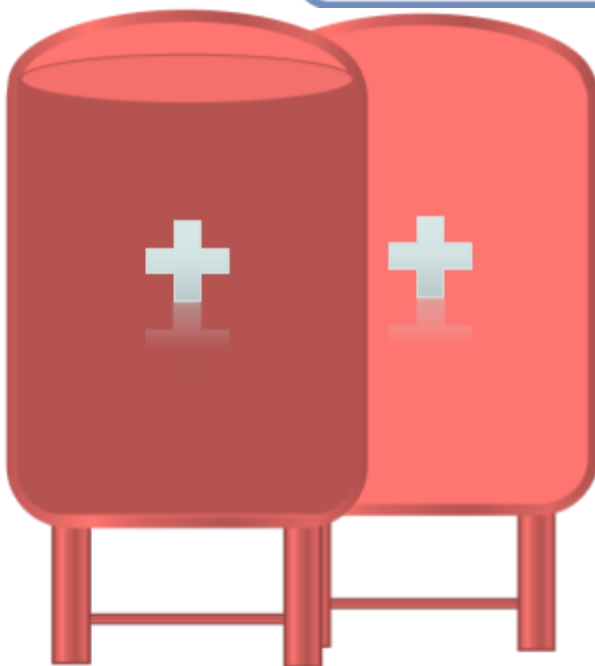
GR

Current Tank Status :

Warehouse	Item Code	Item Name	Volume	Batch	Days Left	Batch Received	Modified
B99		--={Empty}--	0.000				<input type="checkbox"/>
BT01	⇒ BB1003	Bright Beer - IPA	58.000	⇒ IPA001	-81	08/22/20	<input type="checkbox"/>
BT02	⇒ BB1006	Bright Beer - Blonde Bock	77.000	⇒ BBK133-134-135	-765	10/08/18	<input checked="" type="checkbox"/>
BT03		--={Empty}--	0.000				<input type="checkbox"/>
BT04		--={Empty}--	0.000				<input type="checkbox"/>
BT05		--={Empty}--	0.000				<input type="checkbox"/>
F99		--={Empty}--	0.000				<input type="checkbox"/>
FV01	⇒ GB1005	Green Beer - Portlandia Porter	30.000	⇒ PRP122-122	-752	10/08/18	<input type="checkbox"/>
FV02		--={Empty}--	0.000				<input type="checkbox"/>

Current Production Orders :

- Click <Refresh Matrix>
- Verify the new batch of combined liquid





# Inventory transfer

Modules > Inventory > Inventory Transactions > Inventory Transfer

Look Up Menus

- Enter the Date you need transfer to take place
- Fill out the 'From' & 'To' Warehouse
- Fill out the item that will be transferred
- Fill out the quantity that needs to be transferred
- Click <Add>

Look Up Menus

Inventory

- Item Master Data
- Bar Codes
- Document Printing
- Item Management
- Inventory Transactions
  - Goods Receipt
  - Goods Issue
  - Inventory Transfer Request
  - Inventory Transfer**
  - Recurring Transactions
  - Retail Transfer
  - Recurring Transaction Template
  - Inventory Counting Transaction

Inventory Transfer

Business Partner: [Redacted] Number: 10000  
Name: [Redacted] Series: Primary  
Contact Person: [Redacted] Posting Date: 10/01/20  
Ship To: [Redacted] Document Date: 10/01/20  
Referenced Document: ...

From Warehouse: A1  
To Warehouse: TR01

Price List: Last Purchase Price

Contents			Attachments				
#	Item No.	Item Description	Fro...	To Ware...	Quantity	Item Cost	UoM Code
1	1001-K12	Amber Ale - Keg 1/2 B	A1	TR01	2		Manual
2			A1	TR01			

Sales Employee: -No Sales Employee-  
Journal Remarks: Inventory Transfers -  
Remarks: [Redacted]

Add Cancel Copy From

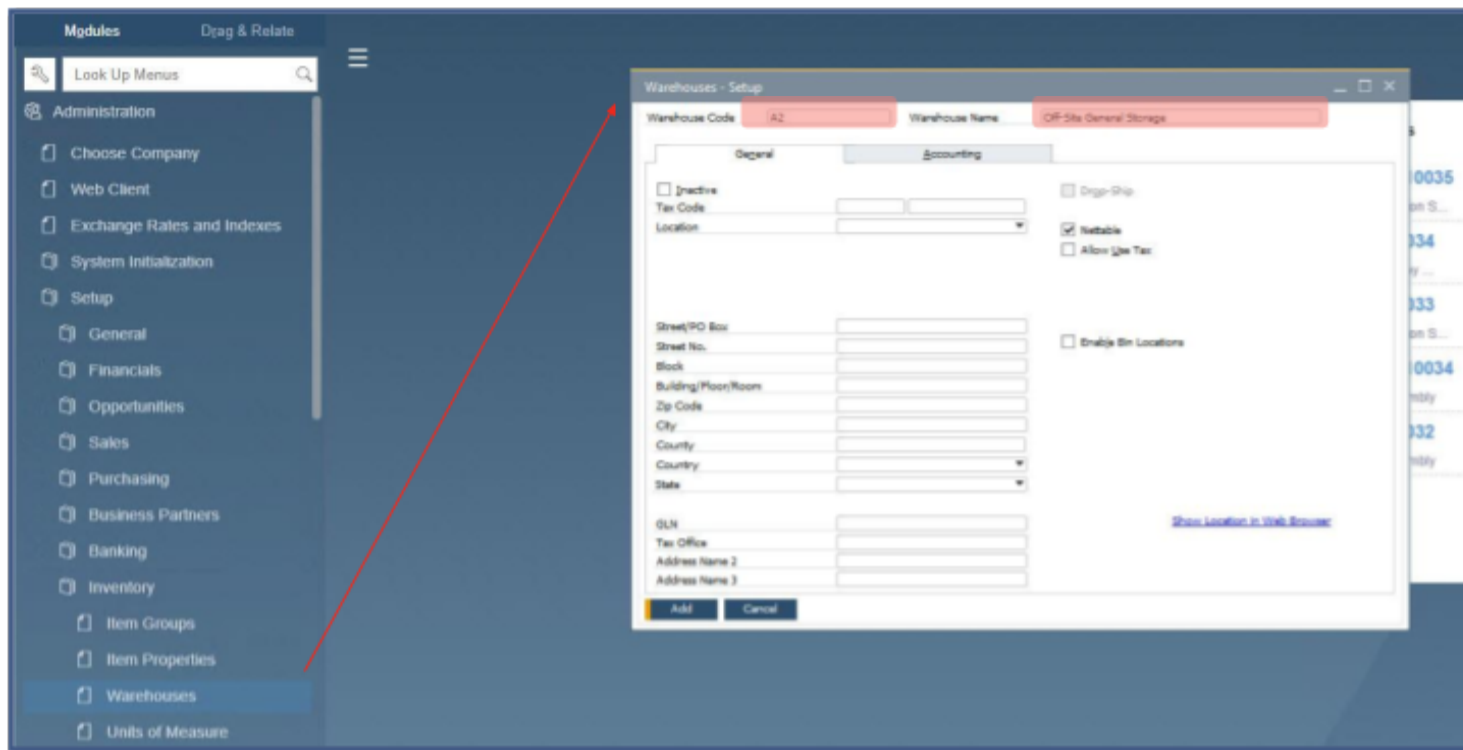




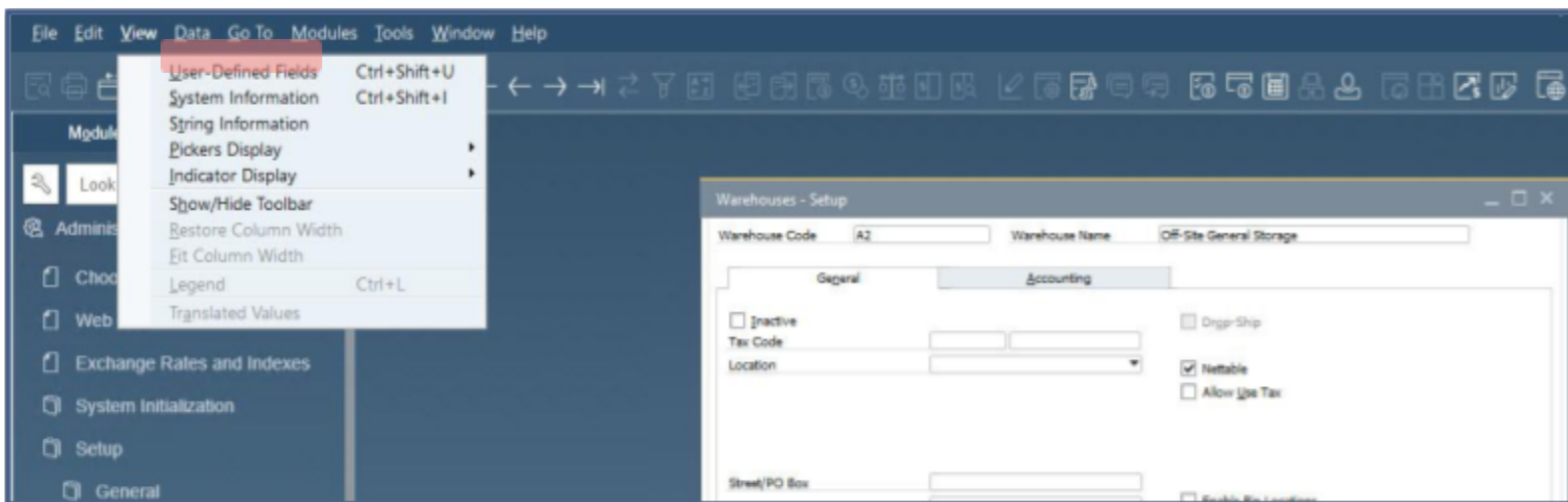


## Warehouse assignment wizard

Modules > Administration > Setup > Inventory > Warehouses



- Add new Warehouse Code
- Add new Warehouse Name/Description
- Go to View (Main Menu Bar) > User Defined Fields





- Under Warehouse Type, add correct type of Warehouse
- Click **<Add>**

Warehouses - Setup

Warehouse Code: A1 Warehouse Name: Off-Site General Storage

General Accounting

☐ Inactive

Tax Code: Location:

☐ Drop Ship

☒ Notable ☐ Allow Use Tax

Street/PO Box: Street No.: Block: Building/Floor/Room: Zip Code: City: Country: State: GLN: Tax Office: Address Name 2: Address Name 3:

[Show Location in Web Browser](#)

**Add** **Cancel**

General

Tax Determination: N

Dynamic Pricing Enforced: N

Warehouse Type: Finished Goods

Warehouse Capacity: 0.000

Warehouse Interval: 0.000

Use in Available to Promise: N

Allow Tank Blending: Yes

Enable Auto-Select All Batch: Y

TTS Classification: N/A

Bonded Warehouse: Yes

Show in Sales App: No

Warehouse Item Wizard

Process Type: Item Group: Defined in Whs: A1 Search

Warehouse Code: A1 Warehouse Name: Off-Site General Storage

Associated Items

Item Code	Item Name
-----------	-----------

Search Results

Item Code	Item Name
1006-B212	Blonde Bock - Case 2/12/12 BE
PG2025-SEAS	Twelve Pack Tray - Seasonal
1001-KP	Amber Ale - Firkin
PG2025-1006	Twelve Pack Tray - Blonde Bock
1006-B46	Blonde Bock - Case 4/6/12 BE
1002-K16	Pale Ale - Keg 1/6 BBL
1002-KP	Pale Ale - Firkin
PG2015-1006	Six Pack Carrier - Blonde Bock
PG2020-1006	Label neck - Blonde Bock
1003-KP	IPA - Firkin
1004-B212	Stout - Case 2/12/12 BE
PG2015-1006	Label body - Blonde Bock
1004-B46-N	Stout (Nitro) - Case 4/6/12 BE
1004-K12	Stout - Keg 1/2 BBL
1004-K12-N	Stout (Nitro) - Keg 1/2 BBL
1004-K16	Stout - Keg 1/6 BBL
1004-K16-N	Stout (Nitro) - Keg 1/6 BBL
1004-KP	Stout - Firkin
1003-K16	IPA - Keg 1/6 BBL
1005-B1232	Portlandia Porter - Case 12/22 BE
1005-K16	Portlandia Porter - Keg 1/6 BBL
1005-KP	Portlandia Porter - Firkin
PG2050-1006	Carlton 12oz - Blonde Bock
1006-K12	Blonde Bock - Keg 1/2 BBL
1006-K16	Blonde Bock - Keg 1/6 BBL
1006-KP	Blonde Bock - Firkin
1007-B212	Xmas Stout - Case 2/12/12 BE
1007-B46	Xmas Stout - Case 4/6/12 BE
1007-K12	Xmas Stout - Keg 1/2 BBL
1007-K16	Xmas Stout - Keg 1/6 BBL

**OK** **Cancel**

- Go to Modules > Inventory > Warehouse Item Wizard (to assign inventory that can be in this new Warehouse)
- Type the new code in "Warehouse Code"
- Type a similar warehouse in "Defined in Warehouse"
- Click **<Search>**
- Select to add to the new Warehouse (i.e. Raw Materials, Finished Goods, etc.)
- Click **<>>**
- Click **<SAVE>** **<OK>**



**Modules** Drag & Relate

Look Up Menus

**Inventory**

- Item Master Data**
- Bar Codes
- Document Printing
- Item Management
- Inventory Transactions
- Process Types
- Price Lists
- Item Converter
- Brand Master Data
- Pick and Pack
- Inventory Reports
- Warehouse Assignment Wizard
- Brand Creation Wizard
- Barrel M...
- Resource
- Production
- MRP

### Item Master Data

Item No.  RH2005 ☐ Active ☒ Inventory Item ☐ Sales Item ☒ Purchase Item

Description

Foreign Name

Item Type

Brand

Item Group

Pack Type

UoM Group

Bar Code

Price List

Unit Price

Process Type

Gen... Purchasing D... Sales D... **Inventory D...** Planning D... Production D... Proper... Attachments Remarks Batches

Set G/L Accounts By

☒ Manage Inventory by Warehouse

UoM Name

Inventory Level

Weight

Required (Purchasing UoM)

Minimum

Maximum

Valuation Method

#	Whse Code	Whse Name	Locked	In Stock	Committed	Ordered	Available
1	A1	Main Warehouse	<input type="checkbox"/>	10,000		220	10,2
2	A2	Off-Site General Storage	<input type="checkbox"/>				
3			<input type="checkbox"/>				
				10,000		220	10,220

Set Default Whse

- To verify the Warehouse was correctly added:
  - Via Item Master Data, find an item that was added to the new Warehouse
  - Verify Warehouse has successfully been added under the Inventory tab





## Reports by persona

Production > Production Reports >

TTB BRO Reporting

Production > Production Reports  
>Orchestrated Reports >

Daily Production Activities

- Upcoming production schedule activities
- Broken down by process, date, and time

Production > Inventory Reports >Orchestrated Reports >

Future Inventory Status Analysis

- Supply/Demand of inventory 3 weeks (21 days) into the future
- Helpful when planning future packaging and production

Production > Production Reports >Orchestrated Reports >

Component Cost Analysis

- See raw material costs by Brand over a period of time

Production > Production Reports  
>Orchestrated Reports >

Inventory Item Trace

- Aka "Where Used"

Production > Production Reports  
>Orchestrated Reports >

Production Cost Analysis by Item

- Know your production costs!

