

SuperBatch Close

With the *SuperBatch Close* screen, you can either close all the batches within a SuperBatch or partially close all the sub-batches contained in a SuperBatch.

- The top-most segment of the *Super Batch Close* screen displays the master details of this SuperBatch, like the SuperBatch number, batch type, and status.
- The second segment of the screen displays the various sub-batches contained within the SuperBatch.
- The last segment of the screen contains three separate groups of information about the SuperBatch: The *Finished Goods* tab, the *Material & Packaging* tab, and the *By Products* tab.



Prerequisite:

- A SuperBatch must be created before it can be closed.
- The routing status of the batch must be closed.

Go To: Production → Production → SuperBatch Close.

SuperBatch Close – Dashboard

You can manage super batches from this dashboard. By default, the system displays all the existing super batches maintained for your business/company. You can click on any of the super batch record to view its details.

Action	Super Batch ...	Description	Batch Type	Super Batch ...	Formula ID	Item Key	Location	Batch Status	Start Date	End Date
Print	0000000000007	Blue Coating	Mix	SuperBatch	BLUE COATING			CLOSED	07/01/20	07/01/20
Print	0000000000008	Blue Coating	Mix	SuperBatch	BLUE COATING			PARTIALLY CLOSE	07/01/20	07/01/20
Print	0000000000009	Orange Coating	Mix	SuperBatch	ORANGE COATING			RELEASED	06/30/20	07/01/20
Print	0000000000006	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/30/20	06/30/20
Print	0000000000005	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/23/20	06/23/20
Print	0000000000004	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/22/20	06/22/20
Print	0000000000003	ROJO 40 E red PES325 (Bulk)	Mix	SuperBatch	ROJO 40 E RED PES325			CLOSED	04/20/20	04/21/20
Print	0000000000002	AURA HIGH SHEEN LUSTER EMULSION	Mix	SuperBatch	F-1001			PARTIALLY CLOSE	03/18/20	03/19/20
Print	0000000000001	AURA HIGH SHEEN LUSTER EMULSION - Pink	Mix	SuperBatch	F-1001			CLOSED	03/18/20	03/18/20

Using the *Action* button from the dashboard you can:

- Print dashboard data.
- Close selected multiple Super Batches.
- Create Lots of FG.
- Issue Serial Lots.
- Partially Close selected multiple Super Batches

By default, this dashboard displays all type of Super Batch status records. You can click on any of the *Release/Allocate/Issued/ Partially Close /Closed* button to filter the super batch records accordingly.

Action	Super Batch	Description	Batch Type	Super Batch	Formula ID	Item Key	Location	Batch Status	Start Date	End Date
Print	000000000007	Blue Coating	Mix	SuperBatch	BLUE COATING			CLOSED	07/01/20	07/01/20
Print	000000000006	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/30/20	06/30/20
Print	000000000005	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/23/20	06/23/20
Print	000000000004	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/22/20	06/22/20
Print	000000000003	ROJO 40 E red PES325 (Bulk)	Mix	SuperBatch	ROJO 40 E RED PES325			CLOSED	04/20/20	04/21/20
Print	000000000001	AURA HIGH SHEEN LUSTER EMULSION - Pink	Mix	SuperBatch	F-1001			CLOSED	03/18/20	03/19/20

The *Super Batch Close* dashboard contains many elements that occupy 100% of the browser window. Resizing the window would resize the elements to fit. The elements can be rearranged, i.e., docked, resized, grouped, and stacked. The header and the side panel can't be rearranged.

After you select all the columns of the *Super Batch Close* dashboard, the middle grid displays the selected columns.

Action	Super Bat...	Description	Batch Type	Super Bat...	Formula ID	Item Key	Location	Batch Stat...	Start Date	End Date	Rec User ID	Rec Date
Print	000000000007	Blue Coating	Mix	SuperBatch	BLUE COATING			CLOSED	07/01/20	07/01/20	A	2020-07-01T13:36:59
Print	000000000008	Blue Coating	Mix	SuperBatch	BLUE COATING			PARTIALLY CLOSE	07/01/20	07/01/20	A	2020-07-01T16:24:55
Print	000000000009	Orange Coating	Mix	SuperBatch	ORANGE COATING			RELEASED	06/30/20	07/01/20	A	2020-07-01T17:04:59
Print	000000000006	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/30/20	06/30/20	A	2020-06-30T18:58:44
Print	000000000005	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/23/20	06/23/20	A	2020-06-23T11:08:12
Print	000000000004	Orange Coating	Mix	SuperBatch	ORANGE COATING			CLOSED	06/22/20	06/22/20	A	2020-06-22T17:47:09
Print	000000000003	ROJO 40 E red PES325 (Bulk)	Mix	SuperBatch	ROJO 40 E RED PES325			CLOSED	04/20/20	04/21/20	A	2020-04-15T12:13:49
Print	000000000002	AURA HIGH SHEEN LUSTER EMULSION	Mix	SuperBatch	F-1001			PARTIALLY CLOSE	03/18/20	03/19/20	A	2020-03-19T10:19:54
Print	000000000001	AURA HIGH SHEEN										2020-03-

The *Super Batch Close* dashboard provides a clear vision of the created records in a read-only mode. You can view the records as per the number of pages provided per page.

Super Batch Close Screen – Add Mode

To close an existing Super Batch to your BatchMaster WEB database, click on the Super Batch record you wish to close. The system displays the *Super Batch Close* screen, from where you can close a Super Batch using the special function displayed at the top right corner of the screen.

Header Fields

Super Batch Number: This is the Super Batch Number associated with this Super Batch as assigned at the *Super Batch Entry* screen. This is a read-only field.

Super Batch Status: This is the status of this Super Batch. The status could be one of the following:

- **New:** This is the status of a Super Batch when it is created.
- **Release:** This is the status when the Batch is released from the *Super Batch Entry* screen.
- **Part Allocated:** The status of a Super Batch becomes 'Part Allocated' when the actual quantities of the BOM lines and the Formula lines of one or more batches (but not all batches) contained within this Super Batch have been allocated.
- **Allocated:** The status of a Super Batch becomes 'Allocated' when the actual quantities of the BOM lines and the Formula lines of all the batches contained within this Super Batch have been allocated.

- **Part Issued:** The status of a Super Batch becomes 'Part issued' when the actual quantities of the BOM lines and the Formula lines of one or more batches (but not all batches) contained within this Super Batch have been issued.
- **Issued:** The status of a Super Batch becomes 'Issued' when the actual quantity of the BOM lines and the Formula materials of all the batches contained within this Super Batch have been issued.
- **Partially Closed:** This is the status of a Super Batch when one or more batches contained within this Super Batch have been partially closed or one or more batches (but not all batches) contained within this Super Batch have been closed.
- **Closed:** This is the status of a Super Batch when the entire Super Batch has been closed.

This is a read-only field.

Formula ID/Intermediate Key/Assembly key: This field should be filled in accordance with the 'Batch Type':

- **Formula ID:** This caption is displayed if the batch type is mix. This is the formula that is to be used for producing the end item of this batch.
- **Intermediate Key:** This caption is displayed if the batch type is fill. This key refers to the intermediate that is to be filled into a container for producing the end item of this batch. The lookup at this field displays all those Released BOMs whose Assembly Type is 'Intermediate'.
- **Assembly Key:** This caption is displayed if the batch type is assembly. The lookup at this field displays all those Released BOMs whose Assembly Type is 'Assembly'.

This is a mandatory field.

Formula Revision No: This is the version of the selected formula from which this particular batch is being made. The value at this field gets fetched while selecting a Formula ID for this batch. Versioning of formulas help in better tracking of batches. At any instance in future, user can easily track all batches which were manufactured from a particular version. This is a read-only field.

Other Details Section:

Other Details ^			
Super Batch Type	SuperBatch	Batch Type	Mix
Assembly/Intermediate Key		Assembly/Intermediate Description	
Location		Batch Description	Orange Coating
Auto Assign Lots	<input checked="" type="checkbox"/>		

Super Batch Type: The type of Super Batch can be one of:

- **SuperBatch:** In this type of super batch, batches are created for the top item as well as all the intermediates being used to make that item.
- **BatchWithRuns:** In this type of super batch, the user can specify the number of runs and the quantity of the item to be produced. The number of runs specifies the number of batches of the end item to be produced. Using this information BatchMaster WEB splits the quantity to be produced equally among the batches.

Batch Type: The type of the Super Batch can be:

- **Mix:** In this case, the Formula materials are processed and filled directly into the 'container'. This type of a batch requires a formula.
- **Fill:** In this case, a pre-made Intermediate is packaged into the 'container'. This type of a batch requires an Intermediate Key.
- **Assembly:** Finished goods are repackaged, e.g., bottles in a case. This type of a batch requires an assembly BOM.

Assembly/Intermediate Key: This is the Intermediate Key or the Assembly Key associated with the Top Batch of this Super Batch.

Assembly/ Intermediate Description: This is the description of the Intermediate Key or the Assembly Key associated with the Top Batch of this Super Batch. This is a read-only field. The description gets defaulted from the:

- Formula Entry in the case of a Mix Type of Batch.
- Item Master in the case of a Fill Type and Assembly Type of Batch.

This description can be modified via the 'Super Batch Explosion' screen.

Location: This field is enabled when the Batch Type selected is either Fill or Assembly. It determines the Location from where the intermediate Item is to be fetched for filling or an Assembly item is to be used for assembling. This is a read-only field.

Batch Description: This field displays the description of Batch.

Auto Assign Lots (Checkbox): If this box is checked, then the lots will be selected or created automatically as needed for the issue, allocate, part close and close operations. In such a case, the lot

maintenance cannot be done manually. Depending on the setting of the "Auto Lot Issue Method" on the *Item Master* screen, the item's lots are automatically issued by one of the following methods:

- **FIFO:** Lots that came in first will be issued first.
- **LIFO:** Lots that came in last will be issued first.
- **Nearest Expiry:** Lots having the closest expiry date will be issued first.
- **Not Yet Depleted:** Lots, which have not been completely issued but from which some quantities have been issued, will be issued first.
- **Issue Lot from the same super batch:** Lots that are being produced via a batch contained in a super batch should be issued first for that super batch.

If this checkbox is not checked, then the user will be required to manually select or create lots where needed.

Note: In case the Global Lot Sequence option is selected for Lot number generation, from the Administration Module, then accordingly the Lot number would get generated.

Finished Goods Grid

This grid displays the information of all the batches, the Top batch as well as the Sub-batches, of the selected Super Batch. Selecting a batch at this grid displays the End Items, Raw Materials and Byproducts associated with this batch at the grid of the respective tab.

Finished Goods												
Action	Select	BatchNumber	Status	BatchType	ActStartDate	ActStartTime	ActCompletionDate	ActCompletionTime	PartCloseDate	Formula/Items	Description/Location	Standard Cost
	<input checked="" type="checkbox"/>	000000000009AB	RELEASED	Mix	06/30/20	08:51 PM	08/13/20	12:00 AM	08/13/20	WHITE BASE	White Base colour	309080.23
	<input type="checkbox"/>	000000000009AA	RELEASED	Mix	07/01/20	12:00 AM	MM/dd/yy	hour:minute AM	MM/dd/yy	ORANGE COATING	Orange Coating	347735.99

Close
Part Close

Action: The following options are available under this section:

- **Close:** Click this option to close the selected batch. On clicking *Close* option, the system displays a success message.
- **Partially Close:** Click this option to partially close the selected batch. On clicking *Partially Close* option, the system displays a success message.

Select: Mark this checkbox to select a row.

BatchNumber: This is the Batch Number of the Batch to be closed. This is a read-only field.

Status: This is the status of this batch which determines the stage a particular batch has achieved in its process of production. The status could be one of 'New', 'Allocated', 'Issued', 'Partially Closed' or 'Closed'. This is a read-only field.

BatchType: This is the nature of the Batch as defined on the Super Batch Entry screen. The Batch type could be one of 'Mix', 'Fill', or 'Assembly'. This is a read-only field.

ActStartDate: This is the date when the production of this batch will actually start. If routing is implemented, this date is calculated based on Due Date. This date is user-defined.

ActStartTime: This is the time when the production of this batch will actually start. If routing is implemented, this date is calculated based on Lead Time. This time is user-defined.

ActCompletionDate: When a batch is closed, this date is taken as the batch closing date. This date is user-defined.

ActCompletionTime: When a batch is closed, this time is taken as the batch closing time. This time is user-defined.

PartCloseDate: This is the date on which this Batch has been part closed. A Batch can be part-closed in a back date also. This can be done by entering a date less than the BatchMaster WEB Server date and then part closing the Batch using the 'Partially Close' option using the *Action* button.

Formula/Items: This is the Formula Key or Intermediate Key or Assembly Key associated with this Batch and used in its production. This is a read-only field.

Description/Location: In the case of a 'Mix' type of batch, this is the description of the Formula Key. In the case of a 'Fill' and 'Assembly' type of batch, this is the location associated with the Intermediate and the Assembly Item.

Standard Cost: This is the estimated cost of the Batch. This is a read-only field. The material cost is calculated on the basis of the values of the 'Quantity Required' field of Tab-2 of this screen. The costs of the various raw materials and BOM lines for this purpose are taken as:

- Standard Cost if the Item Cost Method is Standard Cost
- Average Cost if the Item Cost Method is any of Lot, Average, LIFO or FIFO

Batch Weight: This is the total Batch Weight calculated on the basis of the order quantities of the End Items. The Batch Weight is generally larger than the Order Weight to accommodate the Formula Loss Constant, the Formula Loss Factor, the Formula Line Loss and any byproducts produced by the formula.

For an Assembly type batch, the Batch Weight is not considered in BatchMaster WEB. This value gets defaulted from the *Batch Entry* screen or the *Batch Ticket* screen. This is a read-only field.

Batch Volume: This is the total Batch Volume calculated on the basis of the order quantities of the End Items. The Batch Volume for an End Item is calculated as follows:

- If the Bill of Materials for the End Item is Finished Good type, then the Batch Volume is determined by dividing the Batch Weight with the Formula Density.
- If the Bill of Material for the End Item is Intermediate type, then the Batch Volume is determined by dividing the Batch Weight with the density. This density is equal to:

(The conversion factor for converting the Stock UOM to the System Weight UOM)/ (the conversion factor for converting the Stock UOM to the System Volume UOM). These conversion preference):

- Item Master Level
- Item Class Level
- Global Level

For an Assembly type batch, the Batch Volume is not considered in BatchMaster Enterprise. The value in this field gets defaulted from the Batch entry screen or the Batch Ticket screen. This is a read-only field.

Order Weight: This is the total order weight calculated on the basis of the order quantities of the End Items. The Order Weight for an End Item is calculated as follows:

1. If the Bill of Material for the End Item is of Finished Good type, then,
 - a. If the Fill Level of BOM is specified in Weight, then the Order Weight is determined by multiplying the Fill Level of BOM with the Order Qty in Stock UOM.
 - b. If the Fill Level of BOM is specified in Volume, then the Order Weight is determined by multiplying the Order Volume with the Density of the item. The Order volume is determined by multiplying the Fill Level of BOM with the Order Qty in Stock UOM. The Density is taken from the Formula.
2. If the Bill of Material for the End Item is Intermediate type, then the Order Weight is determined by multiplying the ordered Quantity (in Stock UOM of the End Item) with applicable conversion factor for converting the Stock UOM to the System Weight UOM. The conversion factor is taken from one of the following scopes (in decreasing preference):
 - a. Item Master level

- b. Item Class Level
- c. Global Level

For an Assembly type batch, the Order Weight is not considered in BatchMaster WEB. This value gets defaulted from the Batch entry screen or the Batch Ticket screen (if changed on the Batch Ticket screen). This is a read-only field.

Order Volume: This is the total order volume calculated on the basis of the order quantities of the End Items. The Order Volume for an End Item is calculated as follows:

1. If the Bill of Material for the End Item is of Finished Good type, then,
 - a. If the Fill Level of BOM is specified in Volume, then the Order Volume is determined by multiplying the Fill Level of BOM with the Order Qty in Stock UOM.
 - b. If the Fill Level of BOM is specified in Weight, then the Order Volume is determined by dividing the Order Weight with the Density of the item. The Order Weight is determined by multiplying the Fill Level of BOM with the Order Qty in Stock UOM. The Density is taken from the Formula.
2. If the Bill of Material for the End Item is Intermediate type, then the Order Volume is determined by multiplying the ordered Quantity (in Stock UOM of the End Item) with applicable conversion factor for converting the Stock UOM to the System Volume UOM. The conversion factor is taken from one of the following scopes (in decreasing preference):
 - a. Item Master level
 - b. Item Class Level
 - c. Global Level

For an Assembly type batch, the Order Volume is not considered in BatchMaster WEB. This value gets defaulted from the *Batch Entry* screen or the *Batch Ticket* screen (if changed on the Batch Ticket screen). This is a read-only field.

Total Weight Yielded: This is the sum of the quantities of the finished goods as well as of the Byproducts (if any) actually produced, expressed in terms of the System Weight Unit of Measurement, when this batch of the Super Batch is closed. This is a read-only field.

Actual Cost: This is the actual cost of this Batch as determined at the time of Batch Close. The Actual Batch cost is derived using the Qty Used quantity as defaulted at the time of Batch Close. This is a read-only field.

Total Volume Used: This is the quantity of the raw materials actually consumed, expressed in terms of the System Volume Unit of Measurement upon the completion of this batch of the Super Batch. This is a read-only field.

FG Volume Yield: This is the quantity of the finished goods actually produced, expressed in terms of the System Volume Unit of Measurement, when this batch is closed.

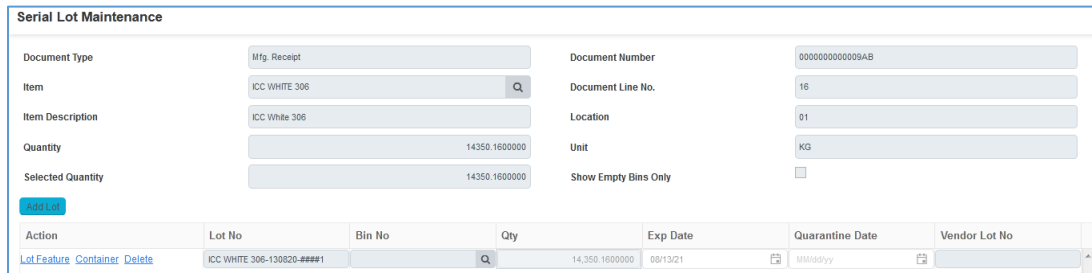
Byproduct Volume Yielded: This is the quantity of the Byproducts actually produced, expressed in terms of the System Volume Unit of Measurement, when this batch is closed. This is a read-only field.

End Item Tab

Action	Sel	Item Key	Item Description	Location	Order Quantity	Qty to Complete	Qty Completed	Unit	Serial/Lot Qty	Lineid
	<input checked="" type="checkbox"/>	ICC WHITE 306	ICC White 306	01	14,350.1600000	14,350.1600000	0.0000000	KG ▾	14,350.1600000	16
<div> Create Serial/Lot Allocate FG to SO Sales Order Detail View Item Location </div>										

More Actions : The following options are available under this section:

- **Create Serial/Lot:** Clicking this button opens the *Serial Lot Maintenance* screen where the user can maintain lots for the quantity to be produced.



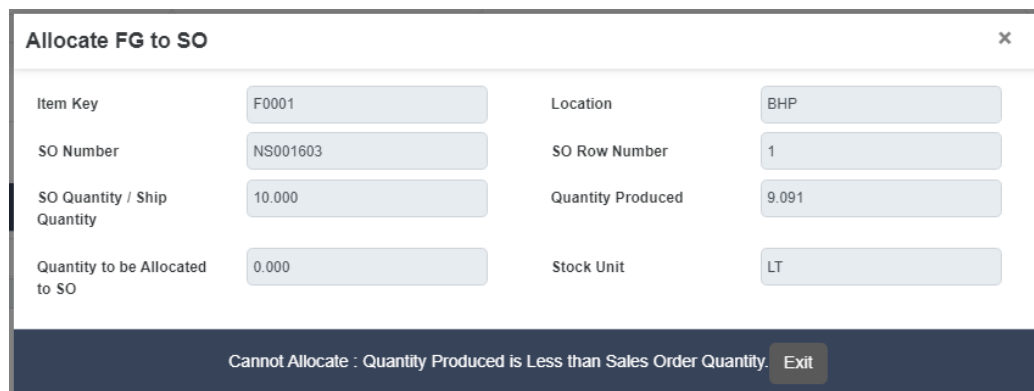
The Serial Lot Maintenance screen displays various fields for document and item information. It includes a 'Generate Lot' button and a table for lot details.

Action	Lot No	Bin No	Qty	Exp Date	Quarantine Date	Vendor Lot No
Lot Feature Container Delete	ICC WHITE 306-130820-####1		14,350,1600000	09/13/21		

Here it is to be noted that in case "Allow Shelf Life" option is set on the Inventory setup then based on the settings made system refrains/restricts user to proceed if the items shelf life is already exhausted.

Note: In case Containerization option is selected for the item then on the Serial Lot Maintenance screen user needs to click on the Generate button (Serial Lot Maintenance → Action → Container → Generate) to automatically calculate the Remaining Lot Quantity. Thus system consequently generates the sub lots (containers).

- **Allocate FG to SO:** Clicking this option displays the 'Allocate FG To SO' window wherein user can allocate finished goods produced to sales order associated with the batch. Thus system restricts the dispatch of Finished Goods produced for the particular Customer Order only. If any batch is being produced against any sales order for which lots are not issued, then while closing the batch the system automatically assigns the lots against the order created through this feature.



The Allocate FG to SO window displays fields for item key, location, SO number, SO row number, SO quantity, quantity produced, quantity to be allocated, and stock unit. A message at the bottom indicates that allocation is not possible because the quantity produced is less than the sales order quantity.

Item Key	F0001	Location	BHP
SO Number	NS001603	SO Row Number	1
SO Quantity / Ship Quantity	10.000	Quantity Produced	9.091
Quantity to be Allocated to SO	0.000	Stock Unit	LT

Cannot Allocate : Quantity Produced is Less than Sales Order Quantity. [Exit](#)

- **Sales Order Detail:** Clicking on this button pops up a window which gives details of all sales orders existing in BatchMaster WEB for an item or for all items made from a given formula.

Sales Order Detail [X]

Item Key: ICC WHITE 306 Location: 01

Formula Key: ORANGE COATING

Item Key: ☐ Formula Key: ☒

Sales Order ...	Customer Key	Customer N...	Item Key	Description	Location	QtyOrd
00000011	C101	LT Paint Wholesalers	ICC ORNG 200 LT	Luxury Coating Orange - 200 LT	01	100.0000000

- **View Item Location:** The user may click this button to view the inventory details for all the item-locations of the selected line.

View Item Location [X]

Item Key: ICC WHITE 306 Description: ICC White 306

Stock UOM: KG Display UOM: KG

Location Detail [X] Lot/Bin No Detail (01)

Location	Description	Status Code	Qty On Hand	Qty On Order	Qty Commit ...	Qty Commit ...	Transit In
01	Manufacturing	A	9996.00	0.00	4.00	0.00	0.00

Qty On Hand: 9996.00 Qty On Order: 0.00

Qty Commit To Sales: 4.00 Qty Commit To Production: 0.00

Qty Under Purchase QC: 0.00

Close

Sel: Checking this box selects that line for the 'Partially Close' operation.

Item Key: This is the Item Key associated with the end item being produced from the selected super batch. This is a read-only field.

Item Description: This is the description of the end item. This is a read-only field.

Location: This is the location to which the end item would be posted after production. This is a read-only field.

Order Quantity: This is the ordered quantity of this end item. This is a read-only field. This value is interpreted in the UOM entered at the Unit field on this row.

Qty to Complete: This field specifies the quantity to be produced in this partial close.

Qty Completed: This field specifies total produced quantity in a batch.

Unit: This is the UOM in which the various quantities are interpreted on this row.

Serial / Lot Qty: A value gets defaulted to this field when the serial/lots have been created for the Quantity to Complete. For an end item which is not serial/lot tracked, zero is displayed here.

Lineid: This is the Line number of this End Item. The Lineid enables user to easily identify whether a line item is Formula Material, BOM Item, By Product, Labor or Finished Good. The line number count includes the following:

- Formula Material Lines
- BOM lines
- Byproduct Lines
- Formula Labor Lines
- Finished Good Lines

This read-only field has no significance for the user.

Material Disposition Tab

This Tab displays the materials-to-be-used associated with the batch highlighted at the 'Finished Goods' grid. The materials and their respective details displayed at this Tab include the following items associated with this Batch:

- Formula Raw Materials
- Formula Labor Lines
- BOM Lines

End Item Material Disposition By Product Disposition											
Update Quantity											
Action	Item Key	Item Description	Location	Quantity Required	Quantity to Issue	Quantity Issued	Unit	Serial/Lot Qty	Lineid	ParentLineID	LineType
	R-1013	Water	01	3,096.3535149	3,096.3535149	0.0000000	L	0.0000000	3		FI
Issue Serial Lot		Antifreeze	01	309.6353515	309.6353515	0.0000000	L	309.6353515	4		FI
Sales Order Detail		Amonium	01	43.3489492	43.3489492	0.0000000	KG	43.3489492	5		FI
View Item Location		Defoamers	01	61.9270703	61.9270703	0.0000000	KG	61.9270703	6		FI
		Biocides	01	61.9270703	61.9270703	0.0000000	KG	61.9270703	7		FI

ⓘ Set Quantity to Zero

✕

Update quantity to zero if quantity is less than or equal to

0.0000010

Update Quantity

Cancel

- **Issue Serial/Lot:** Clicking this button opens the *Serial Lot Maintenance* screen where the user can select lots for the quantity to be issued.

Serial Lot Maintenance

Document Type

Mfg. Issue

Item

R-1002

Q

Item Description

Antifreeze

Quantity

309.6353515

Selected Quantity

0

Document Number

0000000000009AB

Document Line No.

4

Location

01

Unit

L

Show Empty Bins Only

☐

Select	Action	Lot No	Bin No	Qty Available	Qty	Committed Qty	Exp Date	Quarantine Date
<input type="checkbox"/>	Lot Feature Container	R-1002-180320-00001		1981.2830103	0.0000000	0.5176207	03/18/21	
<input type="checkbox"/>	Lot Feature Container	R-1002-180320-00002		50.0000000	0.0000000	0.0000000	03/19/21	

- Sales Order Detail:** Clicking on this button pops up a window which gives details of all sales orders existing in BatchMaster WEB for an item or for all items made from a given formula.

Sales Order Detail

Item Key

R-1013

Location

01

Formula Key

ORANGE COATING

Item Key

Formula Key

Sales Order ...	Customer Key	Customer N...	Item Key	Description	Location	QtyOrd
00000011	C101	LT Paint Wholesalers	ICC ORNG 200 LT	Luxury Coating Orange - 200 LT	01	100.0000000

- View Item Location:** The user may click this button to view the inventory details for all the item-locations of the selected line.

View Item Location

Item Key

R-1013

Description

Water

Stock UOM

L

Display UOM

L

Location Detail

Lot/Bin No Detail (01)

Location	Description	Status Code	Qty On Hand	Qty On Order	Qty Commit ...	Qty Commit ...	Transit In
01	Manufacturing	A	992.53	0.00	0.00	0.00	

Qty On Hand

992.53

Qty On Order

0.00

Qty Commit To Sales

0.00

Qty Commit To Production

0.00

Qty Under Purchase QC

0.00

Close

Item Key: This is the Item Key associated with this Formula Material Line or BOM Line. These are the materials and packaging material that would be used in the production of the selected batch. This is a read-only field.

Item Description: This is the description of this material as entered on the Item Master screen. For a Labor Key, this field remains empty. This is a read-only field.

Location: This is the location associated with this material. The raw materials, this field remains empty. This is a read-only field.

Quantity Required: This is the required quantity of the material (expressed in the unit displayed at the Unit field) or of the Labor (expressed in terms of hours) as per the formula.

Quantity to Issue: This is the quantity of the material (expressed in the unit displayed at the Unit field) or of the Labor (expressed in terms of hours) to be issued. This quantity is initially defaulted with 'Quantity Required' but can be changed by the user. It is used in case of Partial Close and Issue operation.

Quantity Issued: This is the quantity of the material (expressed in the unit displayed at the Unit field) or of the Labor (expressed in terms of hours) issued. This quantity is defaulted after Batch Close.

Unit: This is the UOM in which the various quantities are interpreted on this row.

Serial/Lot Qty: This value gets defaulted to this field when the serial/lots have been selected for the Quantity to Issue. For an item which is not serial/lot tracked, zero is displayed here. This is a read-only field.

Lineid: This is the Line number of this End Item. The line number count includes the following:

- Formula Material Lines
- BOM lines
- Byproduct Lines
- Formula Labor Lines
- Finished Good Lines

ParentLineID: This field is of virtually no significance to the user.

Line Type: This is the Type of the Line. The Line Type indicates whether the line is a Formula Material or a BOM Line or a Labor Key. This is a read-only field.

By Product Disposition

This tab displays the Byproducts associated with the batch highlighted at the 'Finished Goods' grid.

End Item Material Disposition By Product Disposition											
Action	Sel	Item Key	Item Description	Location	Quantity Order	Quantity to Produce	Quantity Produced	Unit	Serial/Lot Qty	Lineid	LineType
No records yet created.											

Action: The following options are available under this section:

- **Create Serial/Lot:** Clicking this option opens the *Serial Lot Maintenance* screen where the user can maintain lots for the quantity to be produced.

Serial Lot Maintenance

Document Type	Mfg. Receipt	Document Number	q1
Item	R0001	Document Line No.	5
Item Description	R0001	Location	BHP
Quantity	0.003	Unit	KG
Selected Quantity	0.003	Show Empty Bins Only	<input type="checkbox"/>

[Add Lot](#)

Action	Lot No	Qty	Exp Date	Quarantine Date	Vendor Lot No
Lot Feature Container Delete	1	0.003	MM/dd/yyyy	MM/dd/yyyy	

Here it is to be noted that in case *Allow Shelf Life* option is set on the *Inventory setup* then based on the settings made system refrains/restricts user to proceed if the items shelf life is already exhausted. Note: In case *Containerization* option is selected for the item then on the *Serial Lot Maintenance* screen user needs to click on the *Generate* button to automatically calculate the Remaining Lot Quantity. Thus, system consequently generates the sub lots (containers).

- **Sales Order Detail:** Clicking on this option pops up a window which gives details of all sales orders existing in BatchMaster WEB for an item or for all items made from a given formula.

Sales Order Detail ×

Item Key	R0001	Location	BHP
Formula Key	T1		
Item Key	<input type="radio"/>	Formula Key	<input checked="" type="radio"/>

Sales Order ...	Customer Key	Customer Na...	Item Key	Description	Location	QtyOrd
NS001202	AMERICAN	American Chemicals	F0001	Apple Juice1	BHP	8.000

- **View Item Location:** Click this option to view the inventory details for all the item-locations of the selected line.

View Item Location

Item Key

R0001

Description

R0001

Stock UOM

KG

Display UOM

KG

Location Detail

Lot/Bin No Detail (BHP)

Location	Description	Status Code	Qty On Hand	Qty On Order	Qty Commit ...	Qty Commit ...	Transit In
BHP	Bhopal	A	850.503	10.100	9.800	19.900	11.60
IND	Indore Location	A	0.000	10.100	9.800	9.900	11.60

Qty On Hand

850.503

Qty On Order

20.200

Qty Commit To Sales

19.600

Qty Commit To Production

29.800

Qty Under Purchase QC

0.000

Close

Sel: Checking this box selects the line for the 'Partial Close' operation.

Item Key: This is the Item Key associated with this Byproduct. This is a read-only field.

Item Description: This is the description of the Byproduct as entered on the Item Master screen. This is a read-only field.

Location: This is the location associated with the Byproduct. This is a read-only field.

Quantity Order: This is the quantity of this byproduct that is expected to be produced upon completion of this batch. This is a read-only field.

Quantity to Produce: This is the quantity of this Byproduct to be actually produced. This quantity can be changed by the user while a batch has not been closed.

Quantity Produced: This is the quantity (of this Byproduct) actually produced upon. This quantity is defaulted after Batch Close or Partial Close. This is a read-only field.

Unit: This is the UOM in which the various quantities are interpreted on this row.

Serial/Lot Qty: This value gets defaulted to this field when the serial/lots have been created for the Quantity to Produce. For an item which is not serial/lot tracked, zero is displayed here. This is a read-only field.

Lineid: This is the Line number of this End Item. The line number count includes the following:

- Formula Material Lines
- BOM lines
- Byproduct Lines
- Formula Labor Lines
- Finished Good Lines

LineType: This is the Type of this Line. On this Tab, the value for this field is 'BY' meaning that this line item is a byproduct.

Closing a SuperBatch

1. Open the *Super Batch Close* Dashboard.
2. Click on the required batch number. This action will default its batch number, status, and description to their respective fields. Details of the sub-batches within the SuperBatch are displayed on the *Finished Goods* section.
3. Select a batch at the *Finished Good* grid. *End Item*, *Material Disposition*, and *By Product Disposition Tabs* in the lower grid display various information.
4. Select the checkbox for the end item to be produced.
5. Specify the quantity of the end item that needs to be produced at the *Qty to Complete* field of the *End Item* tab. By default, this field displays the order quantity.
6. You can use the *View Critical Items* option under the *Special Functions* to check for insufficient inventory, if needed.
7. Modify the value for the end items in the *Quantity to Complete* field as needed. If the *Auto Assign Lots* button is unchecked under *Other Details* section, click the *Create Serial/Lot* option on the *Action* option to maintain serial/lot for these items.
8. Modify *Material Disposition* and *By Product Disposition Tab* data as needed. When the *Auto Assign Lots* button is unchecked, click the *Create Serial/Lot* option on the *Action* option to maintain serial/lot on these tabs.
9. Click the *Partial Close* button under the special functions to generate a report showing the *Batch Close* details.



Partially closing a SuperBatch has the same transaction as partially closing a batch.

Super Batch Close

Super Batch Number * 0000000000005 Super Batch Status RELEASED

Formula ID * ORANGE COATING Formula Revision No 0000000002

Other Details

Finished Goods

Action	Select	BatchNumber	Status	BatchType	ActStartDate	ActStartTime	ActCompletionD...	ActCompletionT...	PartCloseDate	Formula/Items
	<input checked="" type="radio"/>	0000000000005AB	RELEASED	Mix	06/23/20	02:59 PM	MM/dd/yy	hour:minute AM	MM/dd/yy	WHITE BASE
	<input type="radio"/>	0000000000005AA	RELEASED	Mix	06/23/20	04:59 PM	MM/dd/yy	hour:minute AM	MM/dd/yy	ORANGE COATING

End Item **Material Disposition** **By Product Disposition**

Action	Sel	Item Key	Item Description	Location	Order Quantity	Qty to Complete	Qty Completed	Unit	Serial/Lot Qty	Lineid
	<input checked="" type="checkbox"/>	ICC WHITE 306	ICC White 306	01	16.7000000	16.7000000	0.0000000	KG	0.0000000	16

Save Search Close

- Click the *Allocate FG to SO* button under *End Items* tab to allocate the finished goods produced to a sales order associated with the batch.
- Modify more batches, as needed.
- Click the *SuperBatch Close* button to close the SuperBatch. The system displays the following confirmation message.

Super Batch Close

Super Batch Number * 0000000000005 Super Batch Status RELEASED

Formula ID * ORANGE COATING

Other Details

Finished Goods

Action	Select	BatchNumber	Status
	<input checked="" type="radio"/>	0000000000005AB	RELEASED
	<input type="radio"/>	0000000000005AA	RELEASED

End Item **Material Disposition** **By Product Disposition**

Action	Sel	Item Key	Item Description	Location	Order Quantity	Qty to Complete	Qty Completed	Unit	Serial/Lot Qty	Lineid
	<input checked="" type="checkbox"/>	ICC WHITE 306	ICC White 306	01	16.7000000	0.0000000	16.7000000	KG	16.7000000	16

Save Search Close

Processing Status - Close

BatchNumber: 0000000000005AB Formula or Item/Icon: WHITE BASE
Batch Description: White Base colour

LineType Item Key/LaborID Location ActualQty PostedQty UON Status

BOM ITEMS

Formula	Item	Qty	Unit	Status
FI R-1013	01	3.6464851	3.6464851	L Success
FI R-1002	01	0.3646485	0.3646485	L Success
FI R-1003	01	0.0510508	0.0510508	KG Success
FI R-1004	01	0.0729297	0.0729297	KG Success
FI R-1005	01	0.0729297	0.0729297	KG Success
FI R-1006	01	5.1050792	5.1050792	KG Success
FI R-1007	01	2.1878911	2.1878911	KG Success
FI R-1008	01	2.1878911	2.1878911	KG Success
FI R-1009	01	0.0021879	0.0021879	KG Success
FI R-1010	01	2.9171851	2.9171851	KG Success
FI R-1011	01	0.2917188	0.2917188	KG Success

BYPRODUCTS

Close

- Eventually, the status of the Super Batch will change to *CLOSED* status.

Super Batch Close

Super Batch Number * 0000000000005
 Formula ID * ORANGE COATING
 Formula Revision No 0000000002

Other Details ▾

Finished Goods

Action	Select	BatchNumber	Status	BatchType	ActStartDate	ActStartTime	ActCompletionD...	ActCompletionT...	PartCloseDate	Formula/Items
	<input checked="" type="radio"/>	0000000000005AB	CLOSED	Mix	06/23/20	02:59 PM	08/13/20	12:00 AM	08/13/20	WHITE BASE
	<input type="radio"/>	0000000000005AA	CLOSED	Mix	06/23/20	04:59 PM	08/13/20	02:27 PM	MM/dd/yy	ORANGE COATING

End Item Material Disposition By Product Disposition

Action	Sel	Item Key	Item Description	Location	Order Quantity	Qty to Complete	Qty Completed	Unit	Serial/Lot Qty	Lineid
	<input checked="" type="checkbox"/>	KCC WHITE 306	KCC White 306	01	16.7000000	0.0000000	16.7000000	KG	16.7000000	16

Save Search Close



Closing a SuperBatch has the same transaction as closing a batch.

Special Functions



View Critical Items: Click this button to generate a report showing the details of those materials whose available quantity is less than the quantity required to close the batch. This report is based on the date entered at the *Act End Date* field; when this field is blank, the server date is taken.



SuperBatch Close: Click this button to close the SuperBatch by closing the top batch as well as the sub-batches. The status of the SuperBatch becomes Closed.

Processing Status - Close

BatchNumber :0000000000005AB Formula or Item:LOCN :WHITE BASE
 Batch Description :White Base colour

LineType	Item Key/LaborID	Location	ActualQty	PostedQty	UOM	Status
BOM ITEMS						
FORMULA ITEMS						
FI	R-1013	01	3.6464851	3.6464851	L	Success
FI	R-1002	01	0.3646485	0.3646485	L	Success
FI	R-1003	01	0.8510508	0.8510508	KG	Success
FI	R-1004	01	0.0729297	0.0729297	KG	Success
FI	R-1005	01	0.0729297	0.0729297	KG	Success
FI	R-1006	01	5.1050792	5.1050792	KG	Success
FI	R-1007	01	2.1878911	2.1878911	KG	Success
FI	R-1008	01	2.1878911	2.1878911	KG	Success
FI	R-1009	01	0.0021879	0.0021879	KG	Success
FI	R-1010	01	2.9171881	2.9171881	KG	Success
FI	R-1011	01	0.2917188	0.2917188	KG	Success
BYPRODUCTS						

Close



Partially Close: Click this button to partially close the selected batch and change its status to Partially Closed. This option allows you to post some or all of the end items without the need to first post any raw materials or byproducts, etc.



Trial Super Batch Close: This button allows you to close a batch in Trial mode. You can evaluate the outcome, view the actual and standard costs, actual and standard weight yielded, etc.,

without actually changing the database. This helps you to change the outcome, if desired, to ensure everything is correct before finally closing the batch.



View Batch Lot Details: Click the *View Batch Lot Details* button to generate a report showing details of the serials/lots that have been maintained for the end items, raw materials, BOM lines, and byproducts that are serial tracked, lot tracked, or multiple bins type.



Go To Batch Ticket: Click this button to display the batch on the *Batch Ticket* screen.