

# **Enterprise Resource Planning**

*Of*

**ZAB**

## **Training User Manual**

**(SV-12.3.0 | MV-1.0.0)**

*For*

**ASIATIC GROUP**

## **Production**

**(Reprocess, Reproduction & Batch Transfer Process)**

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If reprocess is needed,  
Have to go  
**RECIPE SETTING**

## **1. REPROCESS**

### **1.1. SETTING (FOR REPROCESS)**

**Step 1** Main Menu (Home Icon) > Production > Recipe Setting

**Step 2** Choose the Batch No & click **Show**

**Step 3** Click on **Recipe Setting**

Line No	Item	Description	Process Type	Composition	Width	GSM	Fabric Type	Fabric Color	Order Qty	Require Gre Fabri
1	IC-0123	20x20/100x50	AOP	100% Cotton	56" CUTTABLE		Canvas	Black (Palm Tree-AOP)	8,800.00	9,240.00
2	IC-0123	20x20/100x50	AOP	100% Cotton	56" CUTTABLE		Canvas	Grey (Leaf Print)	8,800.00	9,240.00
3	IC-0123	20x20/100x50	AOP	100% Cotton	56" CUTTABLE		Canvas	Navy (Circle -AOP)	7,560.00	7,938.00
<b>Total</b>										25,160.00 26,418.00

Click on **Recipe Setting**

- Pick a Process Name (which to be reprocessed) from the side list
- Set Production Process Type as **Reprocess**.
- Click **Add**

Required Test & Parameter   Recipe Setting   Additional QTY Entry   Complete

Recipe For BAT-000233 PI No: ATM/MOZ/PI-082/2019

Line No	Process Name	Planning Date	Fabric Color	Production Process Type	Process Type
12	07. Thermosol	04-05-2019	Navy (Circle -AOP)	Reprocess	AOP

Estimated Cost Row  
0

Selected Processes for Batch BAT-000233

Row No	Process Name	Date	Color	Process	Process Type
1	01. Singe/Desize	04-05-2019	Grey Fabric	AOP	Normal
2	02. Scoure/Bleach	04-05-2019	Grey Fabric	AOP	Normal
3	03. Mercerize	04-05-2019	Grey Fabric	AOP	Normal
4	05. Emerizing	04-05-2019	Grey Fabric	AOP	Normal
5	06. Wash	04-05-2019	Grey Fabric	AOP	Normal
6	07. Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Normal
7	10. Pad Steam/Wash	04-05-2019	Navy (Circle -AOP)	AOP	Normal
8	14. Batching	04-05-2019	Navy (Circle -AOP)	AOP	Normal
9	11. Printing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
10	12. Finishing_Stenter	04-05-2019	Navy (Circle -AOP)	AOP	Normal
11	13. Sanforizing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
12	07. Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Reprocess

Detail List For: BAT-000233

Line No	Item	Description	Fabric Color	Process Type	Fabric Type	Order Qty	Unit
1	IC-0123	20x20/100x50	Black (Palm Tree-AOP)	AOP	Canvas	8,800.00	Yard
2	IC-0123	20x20/100x50	Grey (Leaf Print)	AOP	Canvas	8,800.00	Yard
3	IC-0123	20x20/100x50	Navy (Circle -AOP)	AOP	Canvas	7,560.00	Yard
		Total				25,160.00	

Required Test for Batch BAT-000233 Process 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP

Recipe for  
Batch BAT-000233 Process 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP

Row No	Item	Description	Recipe Qty	Add. Qty	Unit
1	IC-0225	40x40/133x100	34,000.000	0.000	Yard

Click on **recipe setting** For the Process (which to be reprocessed)

- Add required Item(s) to reprocess.
- after Add Items , Click **Complete**

The screenshot shows a software interface for managing item settings. On the left, there is a vertical toolbar with buttons for Add (highlighted with an orange arrow), Update, Delete, Show, and Clear. The main area displays a table titled "Recipe Wise Item Setting For: BAT-000233 Process: 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP". The table has columns for Item Row, Item Code, Description, Recipe Qty, Unit, Cost Row, and Yard. A row is selected with Item Code "IC-0123", Description "20x20/100x50", Recipe Qty "20.000", Unit "Yard", and Cost Row "0".

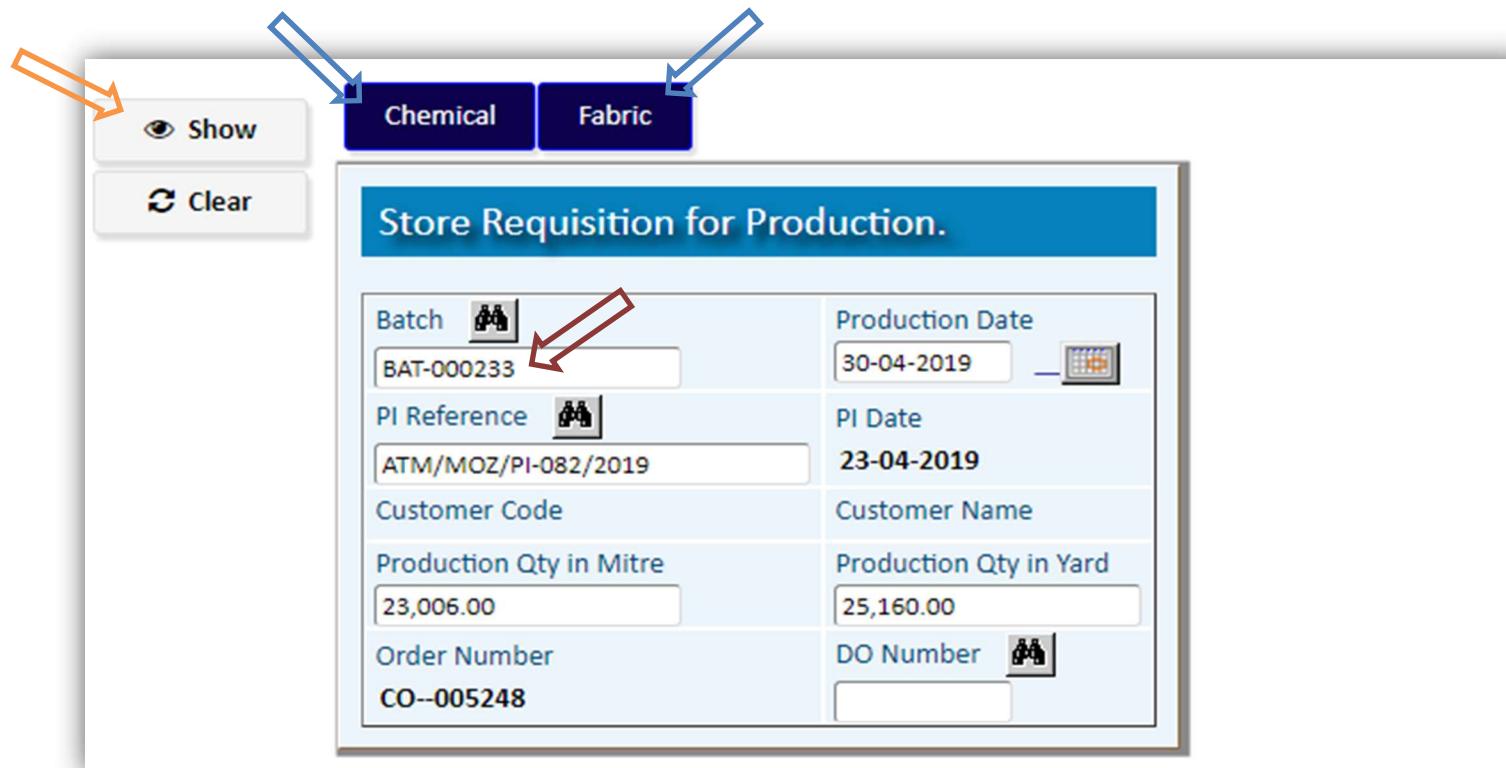
Two pop-up windows are visible on the right:

- Select Required Grey Fabric:** A table showing "Grey Fabric" "Description" and "Required Qty". One row is selected for "IC-0123" with "20x20/100x50" and "26,398.000".
- Fabric for:** A table showing "Fabric for Batch BAT-000233 Process: 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP". It lists "Row No", "Item", "Description", "Recipe Qty", "Additional Qty", "Unit", and "Recipe Type". One row is selected for "2 IC-0123 20x20/100x50 20.00 0.000 Yard Grey Fabric".
- Recipe for:** A table showing "Recipe for Batch BAT-000233 Process: 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP". It lists "Row No", "Item", "Description", "Recipe Qty", "Additional Qty", "Unit", and "Recipe Type". One row is selected for "1 IC-0225 40x40/133x100 34.000.00 0.000 Yard Recipe".

After Adding, Click **Complete**

## 1.2. STORE REQUISITION (BATCH)

- Step 1 Main Menu (Home Icon) > Production > Store Requisition (Batch)
- Step 2 Choose the Batch Number & Click Show
- Step 3 Click **Chemical** for Requisition of Chemical Items
- Step 4 Click **Fabric** for Requisition of Fabric Items



Click **Chemical** for Requisition of Chemical Items

## Requisition of Chemical Items

- Step 1** Choose the **Process Name (for Reprocess)** from list & click **Add**
- Step 2** A new TO of Chemical Requisition will be added
- Step 3** Click **Select Item For Requisition** for Add Chemical Items

Print Transfer Challan

Add    Select Item For Requisition    Confirm

Select Recipe For Chemical Requisition For: BAT-000233

Transfer Order Number	Transfer Date	Receive Date
TO--009343	07-05-2019	07-05-2019
From Store	Branch Name	Reference
01	Chemical & Dyes Store	
To Store	Branch Name	TO Status
87	07. Thermosol	Open
Recipe Row	Process Name	
12	07. Thermosol	

Select Process for Requisition BAT-000233

Row No	Process Name	Color Process	Color	Type
1	01. Singe/Desize	AOP	Grey Fabric	Normal
2	02. Scoure/Bleach	AOP	Grey Fabric	Normal
3	03. Mercerize	AOP	Grey Fabric	Normal
5	06. Wash	AOP	Grey Fabric	Normal
6	07. Thermosol	AOP	Navy (Circle -AOP)	Normal
7	10. Pad Steam/Wash	AOP	Navy (Circle -AOP)	Normal
10	12. Finishing Stenter	AOP	Navy (Circle -AOP)	Normal
12	07. Thermosol	AOP	Navy (Circle -AOP)	Reprocess

Select Batch For Issue: BAT-000233

Requisition No	Date	Process	Color Process	Color	Type
TO--009343	07-05-2019	07. Thermosol	AOP	Navy (Circle -AOP)	Reprocess

Transfer Order Detail List for: TO-009343

Issued Transaction: BAT-000233

Click **Select Item for Requisition** for Add Chemical Items

Add Chemical Items with Item Code, Quantity required & at last, click **Return**

The screenshot shows the 'Requisition Detail For: TO-009343 BAT-000233' screen. On the left, a sidebar contains buttons for Add, Update, Delete, Clear, Show, First, Prev, Next, and Last. The main area displays a form with fields: Line No (3), Unit of Measure (Kg), Item Code (IC-2690), Construction (Acetic Acid), Note (empty), Quantity Required (3.000), Color Name (Navy (Circle -AOP)), and a large text area below it. Red arrows point from the 'Add' button in the sidebar to the 'Item Code' field, and from the 'Quantity Required' field to the 'Note' area. In the top right, a table titled 'Recipe for Batch: BAT-000233' lists one item: IC-0225 (40x40/133x100) with available Qty 34,000.000 and Additional Qty 0.000, Row No 1. Below it is a 'Transfer Order Detail List' table with one entry: Serial No 3, Item IC-2690, Description Acetic Acid, Quantity Required 3.000, and Quantity Delivered 0.000.

After adding Chemical Items, Click **Confirm** & then click **Return**

The screenshot shows the 'Select Recipe For Chemical Requisition For: BAT-000233' screen. On the left, a sidebar contains buttons for Add, Update, Delete, Show, and Clear. The main area has tabs for 'Print Transfer Challan', 'Return', 'Select Item For Requisition', and 'Confirm'. The 'Select Item For Requisition' tab is active, showing a table of processes: 01\_Singe/Desize, 02\_Scour/Bleach, 03\_Mercerize, 06\_Wash, 07\_Thermosol, 10\_Pad Steam/Wash, 12\_Finishing Stenter, and 07\_Thermosol. The 'Confirm' tab is highlighted with blue arrows pointing to it. Below the table are sections for 'Select Process for Requisition BAT-000233' (listing 07\_Thermosol as selected), 'Select Batch For Issue: BAT-000233' (listing TO-009343 as selected), 'Transfer Order Detail List for: TO-009343' (empty), and 'Issued Transaction: BAT-000233' (empty).

### 1.3. ISSUE FOR PRODUCTION

- Step 1 Main Menu (Home Icon) > **Production** > Issue For Production
- Step 2 Choose the Batch Number & Click **Show**
- Step 3 Click **Detail** to issue the materials

The screenshot shows the 'Item Issue for Production' interface. On the left, there are 'Show' and 'Clear' buttons, and a 'Detail' button which is highlighted with a blue double-headed arrow. Below these are fields for 'Batch' (containing 'BAT-000233') and 'PI Reference' (containing 'ATM/MOZ/PI-082/2019'). To the right is a grid titled 'Selected Processes for Batch BAT-000233' with the following data:

Row No	Process Name	Date	Color	Process	Process Type
1	01_Singe/Desize	04-05-2019	Grey Fabric	AOP	Normal
2	02_Scoure/Bleach	04-05-2019	Grey Fabric	AOP	Normal
3	03_Mercerize	04-05-2019	Grey Fabric	AOP	Normal
4	05_Emerizing	04-05-2019	Grey Fabric	AOP	Normal
5	06_Wash	04-05-2019	Grey Fabric	AOP	Normal
6	07_Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Normal
7	10_Pad Steam/Wash	04-05-2019	Navy (Circle -AOP)	AOP	Normal
8	14_Batching	04-05-2019	Navy (Circle -AOP)	AOP	Normal
9	11_Printing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
10	12_Finishing Stenter	04-05-2019	Navy (Circle -AOP)	AOP	Normal
11	13_Sanforizing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
12	07_Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Reprocess

**Step 1** Select a Process Name (Reprocess Type) from Side list

**Step 2** Click **Reprocess Material Issue** to issue the materials for that reprocess

Store Issue For  
Batch: BAT-000233 Process: 07. Thermosol

Line No	Process Name	Fabric Color
12	07. Thermosol	Navy (Circle -AOP)

Process Type  
AOP

Selected Processes for Batch BAT-000233

Row No	Process Name	Date	Color	Process	Process Type
1	01. Singe/Desize	04-05-2019	Grey Fabric	AOP	Normal
2	02. Scoure/Bleach	04-05-2019	Grey Fabric	AOP	Normal
3	03. Mercerize	04-05-2019	Grey Fabric	AOP	Normal
4	05. Emerizing	04-05-2019	Grey Fabric	AOP	Normal
5	06. Wash	04-05-2019	Grey Fabric	AOP	Normal
6	07. Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Normal
7	10. Pad Steam/Wash	04-05-2019	Navy (Circle -AOP)	AOP	Normal
8	14. Batching	04-05-2019	Navy (Circle -AOP)	AOP	Normal
9	11. Printing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
10	12. Finishing Stenter	04-05-2019	Navy (Circle -AOP)	AOP	Normal
11	13. Sanforizing	04-05-2019	Navy (Circle -AOP)	AOP	Normal
12	07. Thermosol	04-05-2019	Navy (Circle -AOP)	AOP	Reprocess

Consumption List For:  
07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP

Transaction No	Item	Description	Issue Qty
IS--008489	IC--2690	Acetic Acid	3.000

After adding Materials click **Complete**

**Step 1** Select an Item Code from Side list & click **Add**

**Step 2** Click **Complete** after add

Item	Description	Total Qty	Available Qty	Process Row	Item Row
IC-2690	Acetic Acid	0.000	5.000	12	4

If Item Stock is not available, you have to go to the Option

(And to follow the steps as per related manual of this option)

## Store Requisition (Bulk)

(Of Production Module)

#### 1.4. PRODUCTION PROCESS

- Step 1 Main Menu (Home Icon) > **Production** > Production Process
- Step 2 Choose **Batch Number** , & then click **Show**
- Step 3 Click **Reprocess\_Start** to Start Process

The screenshot shows a software interface for managing production processes. At the top, there is a navigation bar with several buttons: 'First Process', 'Start New Process', 'Daily Production', 'Reprocess\_Start' (which is highlighted in blue), and 'Reprocess\_Production'. Below the navigation bar is a section titled 'Start Process Header'. This section contains the following data:

Batch	PI Reference	Customer Code	Production Date	Order Number	Customer Name
BAT-000233	ATM/MOZ/PI-082/2019	CUS-000799	30-04-2019	CO-005248	M/S ARRIVAL FASHION LIMITED COLOMESHOR , BOARD BAZAR, GAZIPUR

On the left side of the 'Start Process Header' section, there are two buttons: 'Show' (with an eye icon) and 'Clear' (with a circular arrow icon). An orange arrow points to the 'Show' button. Another orange arrow points to the 'Batch' field. Two blue arrows point to the 'Reprocess\_Start' button at the top of the page.

Click **Reprocess\_Start** to Start Reprocess

- Step 1** Choose a **From Process & Reprocess** Name from side lists  
**Step 2** Write process Qty , Unit of Measure & then click **Add**  
**Step 3** After Adding, Click **Complete** to go Back

**Re Process For: BAT-000233**

Process Start Date 07-05-2019	Fabric Color Navy (Circle -AOP)
From Process 06. Wash	To Process 07. Thermosol
Process Qty 231.000	Unit of Measure Yard
QTY in Yard 0.000	QC Test Required? No
Note	Line No 0
Process Row 4	Recipe Row 12
New Process Row 0	From Fabric Color Grey Fabric

**Select From Process :**

Line No	Process Name	Fabric Color	Color Process	Qty	Unit
1	01. Singe/Desize	Grey Fabric	AOP	24,157.000	Meter
2	02. Scoure/Bleach	Grey Fabric	AOP	241.000	Meter
3	03. Mercerize	Grey Fabric	AOP	231.000	Meter
4	06. Wash	Grey Fabric	AOP	231.000	Meter
5	07. Thermosol	Navy (Circle -AOP)	AOP	231.000	Meter

**Select Reprocess**

Row No	Process Name	Fabric Color	Color Process
12	07. Thermosol	Navy (Circle -AOP)	AOP

Daily Production For  
Batch BAT-000233

Required QC Checklist for  
Batch BAT-000233 Process

Click **Reprocess \_Production**

- Step 1** Choose a **Process Name** from side list  
**Step 2** Write Qty, Unit of Measure , Access Qty (If increase Qty), Cause of Additional & then click **Add**  
**Step 3** After Adding, Click **Complete** to go Back

Reprocess Production

Production Date	07-05-2019	Process Name	07. Thermosol
Process Qty in Meter	231.000	Unit of Measure	Yard
Process QTY in Yard	0.000	Excess Qty	0.000
Excess Qty in Yds	0.000	Cause of Additional	[Pick]
QC Test Required?	No	Fabric Color	Navy (Circle -AOP)
Line No	0	Start Process Row	10
MO Process Row	4	Recipe Row	0
New Process Row	5	Note	

Required QC Checklist for Batch BAT-000233 Process

Select Process For Complete Production

Row No	Process Name	Fabric Color	Color Process	Balance Qty	Unit	MO Prcs Row	New MO Row
10	07. Thermosol	Navy (Circle -AOP)	AOP	231.000	Yard	4	5

Reprocess Production For Batch BAT-000233

## 2. REPRODUCTION

### 1. Production Planning Header

- Step 1** Main Menu (Home Icon) > **Production** > Production Planning
- Step 2** Write **Customer Order No.**, Qty Yard/Meter etc.
- Step 3** Add fabric Construction, Grey Fabric Store, Recipe Store
- Step 4** Assign the Starting Process, set 'Production Process Type' **Reproduction** & Click **Add**
- Step 5** to Add Products Click **Detail**

Batch No BAT-000244 Created

**Print Plan**

**Detail**      **Required Tests & Parameters**

**Production Planning**

Transaction Code BAT- ▾	Batch BAT-000244
Planning Date 30-04-2019	Grey in Date 30-04-2019
DP No WO-0262/19	Customer Order CO--005248
PI Reference ATM/MOZ/PI-082/2019	Order Date 23-04-2019
Customer Code CUS-000799	Customer Name M/S ARRIVAL FASHION LIMITED
Production Qty in Yard 26,418.000	Production Qty in Meter 24,157.000
Fabric Construction IC--0123	Construction 20x20/100x50
Grey Fabric Store 02	Description Grey Fabric Store
Recipe Store 01	Description Chemical & Dyes Store
MO Status Open	Starting Process 01. Singe/Desize
Machine Unit Meter	Production Process Type Reproduction
Note	

**Detail List For: BAT-000244**

Line No	Item	Description	Process Type	Composition	Width	GSM	Fabric Type	Fabric Color	Order Qty	Required Grey Fabric	Unit
Total											

**Terms & Condition For: ATM/MOZ/PI-082/2019**

Required Test for Batch BAT-000244

(To add Required Test & Parameters click on button **Required Test & Parameters**)

To Add Products Click **Detail**

## 2. Production Planning Detail

- Pick a product from the side list of PI Detail
- Write Selling Unit, Fabric Color.
- Fill the other Info
- Click Add

The screenshot shows the 'Planning Detail For Re-Production BAT-000244' window. On the left, there's a toolbar with buttons for Add (highlighted with an orange arrow), Update, Delete, Clear, Show, First, Prev, Next, and Last. The main area displays a form with fields: Line No (1), Item Code (IC-0123), Composition (100% Cotton), Fabric Type (Canvas), Process Type (AOP), Width (56" CUTTABLE), Style (AMBO413), Order No./PO Ref, HS CODE (5208.11.00), Percent (0.00), Grey Fabric Required For Production (8,800.00), Order Row (1), Selling Unit (Yard), Description (20x20/100x50), Season, Fabric Color (Black (Palm Tree-AOP)), Fabric Finish (PEACH), and Note. A red arrow points to the Item Code field. A blue arrow points to the 'Complete' button at the top right of the main window. A green arrow points to the 'PI Detail List' grid on the right. The grid has columns: Item Code, Construction, Composition, Season, Fabric Type, Fabric Color, Process Type, Finish Type, Width, GSM, and Style No. It lists three rows of data corresponding to the product details entered in the main window.

Item Code	Construction	Composition	Season	Fabric Type	Fabric Color	Process Type	Finish Type	Width	GSM	Style No
IC-0123	20x20/100x50	100% Cotton		Canvas	Black (Palm Tree-AOP)	AOP	PEACH	56" CUTTABLE		AMBO41
IC-0123	20x20/100x50	100% Cotton		Canvas	Grey (Leaf Print)	AOP	PEACH	56" CUTTABLE		AMBO41
IC-0123	20x20/100x50	100% Cotton		Canvas	Navy (Circle -AOP)	AOP	PEACH	56" CUTTABLE		AMBO41

After adding the products, Click Complete

**After the Entry of Reproduction Batch,  
Go to the Following Options (As per related Manual of Production Process)**

**Recipe Setting >> Store Requisition (Batch) >> Issue For Production >> Production Process**

### 3. BATCH TO BATCH TRANSFER PROCESS

(If need to transfer the **Fabric** from A Batch to another batch) **[FABRIC CONSTRUCTION of BOTH BATCHES MUST BE SAME]**

Step 1 Main Menu (Home Icon) > Production > **BATCH TO BATCH TRANSFER PROCESS**

Step 2 Choose From Batch, To Batch, & then Click **Add**

Check Issue For Production

Transfer

Batch To Batch Transfer

Batch Transfer No	Date
BAT-000010	08-05-2019
From Batch	To Batch
BAT-000010	BAT-000233
Process Name	To Process (Transfer)
Process Qty (From)	Unit of Measure
0.00	
Process QTY (To)	Fabric Color
0.000	
Color Process	Line No
	0
From Process Row	To Process Row
0	0
Process Status	Note

Select Process For Transfer Production From :

Select Process for New:

Transfers List

Batch Transfer No	From Batch	To Batch	From Process	Transferred Process	Quantity	Unit of Measure	Fabric Color	Process Type	Process Status
BTB-000001	BAT-000010	BAT-000233			0.000				Open

- Step 3** Choose from Process (from batch list) , to Process (to batch list), from Qty, to qty & click **Update**
- Step 4** Write from Qty, to qty & click **Update**
- Step 5** to check issue Click **Check issue For Production** button
- Step 6** At last (being confirmed) click **Transfer**
- Result** A new Batch transfer will be created

The screenshot illustrates the 'Batch To Batch Transfer' process in the ZAB ERP system. It consists of three main components:

- Main Window:** Shows the 'Batch To Batch Transfer' interface with fields for 'From Batch' (BTB-000001), 'To Batch' (BAT-000233), 'Process Name' (02. Scoure/Bleach), 'To Process (Transfer)' (03. Mercerize), 'Process Qty (From)' (93,360.00), 'Process QTY (To)' (56.000), and 'Color Process' (SOLID). Buttons for 'Add', 'Update', 'Delete', 'Show', 'Clear', and navigation arrows ('First', 'Prev', 'Next', 'Last') are visible.
- Select Process For Transfer Production From :** A list of processes for the source batch (BTB-000001). The table includes columns for Row No, Process Name, Fabric Color, Qty, Unit, and Type. Processes listed include 01\_Singe/Desize, 01\_Singe/Desize, 02\_Scoure/Bleach, 03\_Mercerize, 06\_Wash, 06\_Wash, 07\_Thermosol, 10\_Pad Steam/Wash, 17\_06\_Wash, 19\_06\_Wash, 21\_08\_CPB, and 23\_10\_Pad Steam/Wash.
- Select Process for New: BAT-000233:** A list of processes for the target batch (BAT-000233). The table includes columns for Row No, Process Name, Fabric Color, and Color Process. Processes listed include 01\_Singe/Desize, 02\_Scoure/Bleach, 03\_Mercerize, 07\_Thermosol, 10\_Pad Steam/Wash, and 12\_Finishing Stenter.

**After Transfer the Batch,  
Follow the steps (As per related Manual of Production Process)  
Starting from the To Process (Transfer) of To Batch No.**