

# **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. RECIPE 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**

**Batch Wise 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
Total										25,160.00 26,418.00

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

Click on **Recipe Setting**

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

**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**

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".

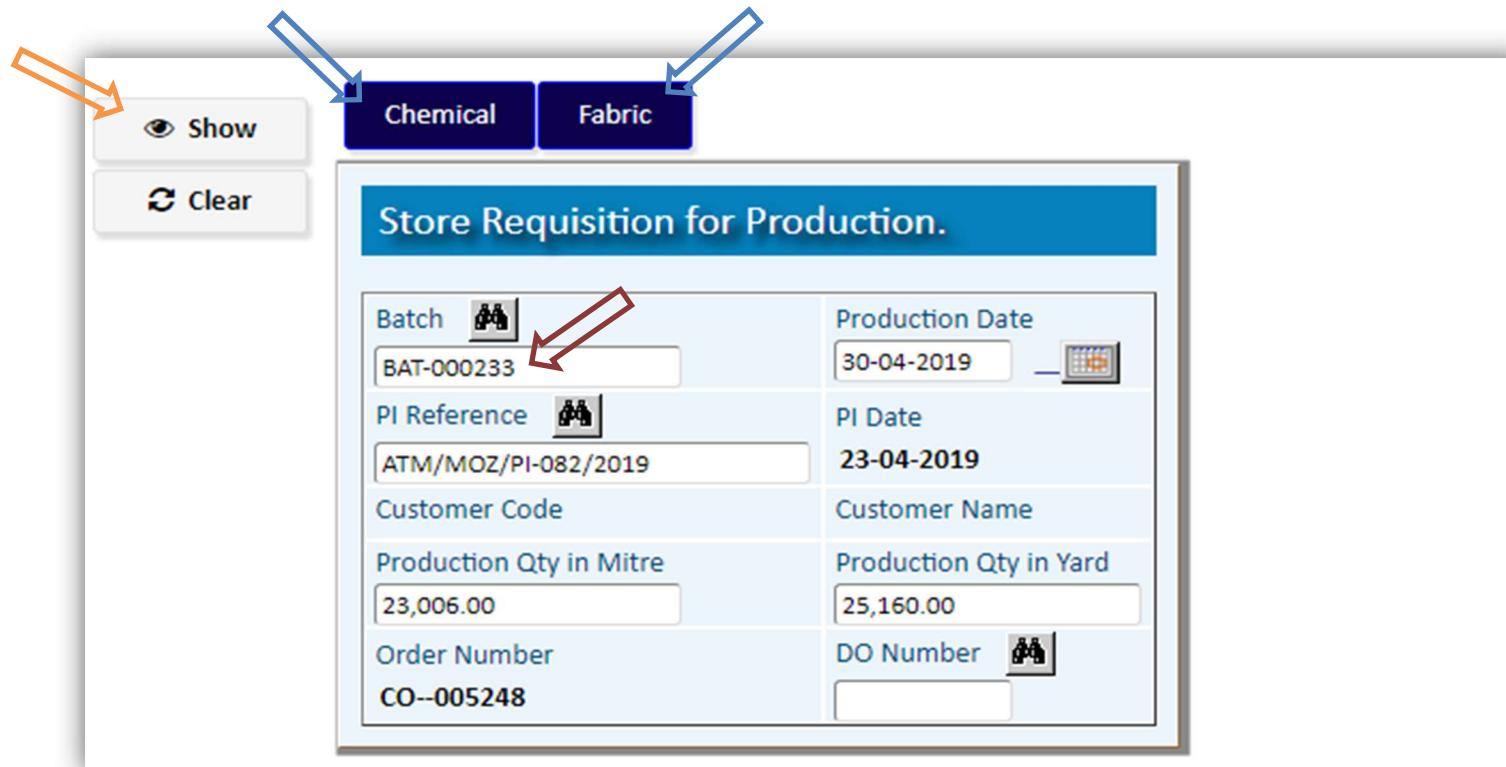
Two pop-up windows are visible on the right:

- Select Required Grey Fabric:** Shows a list of grey fabrics with their descriptions and required quantities. One entry is selected: "IC-0123 20x20/100x50 26,398.000".
- Fabric for Batch BAT-000233 Process: 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP:** Shows a table of fabric details. The first row is highlighted with a blue border: "Row No 2 Item IC-0123 Description 20x20/100x50 Recipe Qty 20.00 Additional Qty 0.000 Unit Yard Recipe Type Grey Fabric".
- Recipe for Batch BAT-000233 Process: 07. Thermosol (Color: Navy (Circle -AOP)) Process: AOP:** Shows a table of recipe details. The first row is highlighted with a blue border: "Row No 1 Item IC-0225 Description 40x40/133x100 Recipe Qty 34.000.00 Additional Qty 0.000 Unit Yard Recipe Type Recipe".

After Adding, Click **Complete**

## 1.1. 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    Update    Delete    Show    Clear

Return    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	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 (highlighted with an orange arrow), 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), and Color Name (Navy (Circle -AOP)). To the right, two tables are shown: 'Recipe for Batch: BAT-000233' and 'Transfer Order Detail List'. The Recipe table has one row for IC-0225 (40x40/133x100, 34,000.000). The Transfer Order Detail List table has one row for IC-2690 (Acetic Acid, 3.000, 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 (highlighted with blue arrows), Update, Delete, Show, and Clear. The main area includes a 'Print Transfer Challan' button and three buttons: 'Return', 'Select Item For Requisition', and 'Confirm'. Below these are sections for 'Transfer Order Number' (TO-009343), 'Transfer Date' (07-05-2019), 'Receive Date' (07-05-2019), 'From Store' (01, Branch Name: Chemical & Dyes Store), 'To Store' (87, Branch Name: 07. Thermosol), 'Recipe Row' (12), and 'Process Name' (07. Thermosol). To the right, there are three tables: 'Select Process for Requisition BAT-000233', 'Select Batch For Issue: BAT-000233', and 'Transfer Order Detail List for: TO-009343'. The 'Select Process' table lists various processes with their details. The 'Select Batch' table shows a single row for TO-009343. The 'Transfer Order Detail List' table is empty.

## 1.2. 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

Issue Entry For BatchBAT-000233  
process:- 07. Thermosol

IM Trn Number	Date
	07-05-2019
Item Code	Description
IC--2690	
Quantity	Unit of Measure
5.000	
Store	Process Name
87	07. Thermosol
Item Row	Receipt Row
4	12
PI Reference	

Select Item For Issue  
From Reprocess

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

Consumption List

### 1.3. 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

Start Process Header

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

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

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

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

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. PRODUCTION PLANNING (FOR REPRODUCTION)

### ➤ 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 3 Assign the Starting Process, set 'Production Process Type' **Reproduction** & Click **Add**
- Step 4 to Add Products Click **Detail**

Batch No BAT-000244 Created

**Print Plan**

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

**Production Planning**

Transaction Code BAT- ▾	Batch
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	

**Required Test for Batch BAT-000244**

**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**

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

To Add Products Click **Detail**

## ➤ 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 and a 'PI Detail List' grid.

**Planning Detail For Re-Production BAT-000244:**

- Line No:** 1
- Selling Unit:** Yard
- Item Code:** IC-0123
- Composition:** 100% Cotton
- Fabric Type:** Canvas
- Process Type:** AOP
- Width:** 56" CUTTABLE
- Style:** AMBO413
- Order No./PO Ref:** (empty)
- HS CODE:** 5208.11.00
- Percent:** 0.00
- Grey Fabric Required For Production:** 8,800.000
- Order Row:** 1
- Delivery Date:** 07-05-2019

**PI Detail List For ATM/MOZ/PI-082/2019:**

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

**Detail List For : CO-005248:**

Line No	Item	Construction	Composition	Season	Fabric Type	Fabric Color	Process Type	Fabric Finish	Width	GSM	St
1	IC-0123	20x20/100x50	100% Cotton		Canvas	Black (Palm Tree-AOP)	AOP	PEACH	56" CUTTABLE		AM

After adding the products, Click Complete

**After the Entry of Reproduction Batch,  
Go to the Options (As per Production Process)  
Recipe Setting >> Store Requisition (Batch) >> Issue For Production >> Production Process**

### 3. BATCH TO BATCH TRANSFER PROCESS

(If need to transfer the production MATTER 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, from Process (from batch list), to Process (to batch list), from Qty, to qty
- Step 3** to check issue Click **Check issue For Production** button & then (being confirm) click **Transfer**
- Step 3** Click **Add** & then (being confirm) click **Transfer**
- Result** A new Batch transfer will be created

The screenshot illustrates the 'Batch To Batch Transfer' process. It shows three windows:

- Main Window (Batch To Batch Transfer):**
  - Buttons:** Add, Update, Delete, Show, Clear, First, Prev, Next, Last.
  - Form Fields:** Batch Transfer No (BTB-000001), Date (01-05-2019), From Batch (BAT-000010), 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), Unit of Measure, Fabric Color, Line No (1), From Process Row (5), To Process Row (3), Process Status (Open).
  - Buttons:** Check Issue For Production, Transfer.
- Select Process For Transfer Production From : BAT-000010:**

Row No	Process Name	Fabric Color	Qty	Unit	Type
1	01. Singe/Desize	Grey Fabric	93,360.00	Meter	First Process
3	01. Singe/Desize	Grey Fabric	93,360.00	Meter	Start Process
5	02. Scoure/Bleach	Grey Fabric	93,360.00	Meter	Start Process
7	03. Mercerize	Grey Fabric	93,360.00	Meter	Start Process
9	06. Wash	14-321	15,000.00	Meter	Start Process
11	06. Wash	76-204	2,750.00	Meter	Start Process
13	07. Thermosol	14-321	15,000.00	Meter	Start Process
16	10. Pad Steam/Wash	14-321	25,000.00	Meter	Start Process
17	06. Wash	14-321	25,000.00	Meter	Start Process
19	06. Wash	74-205	33,500.00	Meter	Start Process
21	08. CPB	74-205	33,500.00	Meter	Start Process
23	10. Pad Steam/Wash	14-321	5,000.00	Meter	Start Process
- Select Process for New: BAT-000233:**

Row No	Process Name	Fabric Color	Color Process
1	01. Singe/Desize	Grey Fabric	SOLID
2	02. Scoure/Bleach	Grey Fabric	SOLID
3	03. Mercerize	Grey Fabric	SOLID
4	07. Thermosol	NAVY	SOLID
5	10. Pad Steam/Wash	NAVY	SOLID
6	12. Finishing Stenter	NAVY	SOLID