

Controlling

SAP Implementation at IESCO

Training Document

Transformer Repair

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Transformer Repair Process

Purpose

Document

The purpose of this document is to describe the business process of transformer repair in TRW.

Prerequisites

When transformer is damaged in the field, it is returned to store which is then repaired in TRW, if possible.

1.1 Process Steps

1.1.1 Create CO Production Order

Use

Following process steps are followed during the transformer repair.

Procedure

1. Open "Create CO Production Order" App. from Fiori Launchpad.
2. Enter Order Type, Material and Plant and Press Enter to enter the controlling area in a pop-up screen.

* Order Type: CP01 Standard CO production order

* Material: 10153

* Plant: 400

3. Enter Master Data in the assignments, Control, Period-end closing tabs respectively.

Assignments	Control data	Prd-end closing	General data	Investr
Assignments				
Controlling Area:	1000	IESCO		
Company Code:	1000	IESCO		
Business Area:				
Plant:	400	IESCO M&T TRW		
Functional Area:	1006			
* Object Class:	Production			
Profit Center:	10400	M&T ISLAMABAD		
Responsible CContr:	104009			
User Responsible:				
WBS element:				
Requesting CContr:	104009			



Press Save(Ctrl+S).

Result

CO-Production order **700120** is created.

1.1.2 Enter Direct Activity Allocation

Procedure

1. Open “Edit Planning for Production” App. from Fiori Launchpad.
2. Enter the required data in the screen below.

Field name	Description	User action and values	Comments
Doc.Date		As per requirement	For example: 20.02.2018
Posting date		As per requirement	20.02.2018
Send.CCtr		As per requirement	104009
Saty Typ		As per requirement	ZPDL01
Sender Fnd/Receiver Fnd		As per requirement	CY
Rec.Order		As per requirement	700120
Total Qantity		As per requirement	25
UM			H

Order: 

3. Enter Unit Cost element in the below screen.

Create Cost Estimate

Costing Variant:

Lot Size: EA

Reference

Base Object:

Material:

Costing Variant:

Costing Date:

Costing Version:



4. Press Save.

Result

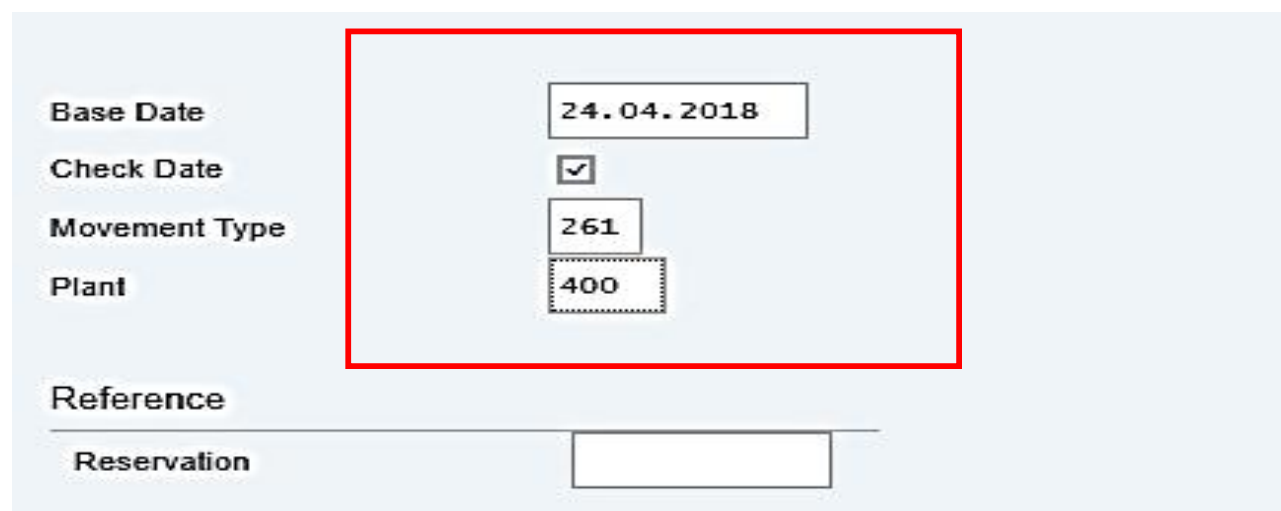
Document is saved in Company Code 1000.

1.1.3 Reservation

Procedure

1. Open "Create Reservation" App. from Fiori Launchpad.
2. On Create Reservation: Initial screen, enter movement type and plant.

Field name	Description	User action and values	Comment
Base date		As per requirement	Enter Base Date: 24.04.2018
Movement Type		As per requirement	Enter movement type or press F4 to select from the list. e.g. 261
Plant		As per requirement	For example:400



Base Date: 24.04.2018

Check Date: ☒

Movement Type: 261

Plant: 400

Reference

Reservation:

3. Enter Material number, quantity and CO-Production Order No.

Field name	Description	User action and values	Comment
Material		As per requirement	Enter Material: 10152, QTY:1 Enter Material: 10125, QTY: 10 Enter Material: 10126, QTY: 15
CO-Production No.		As per requirement	For example: 700120

Items					
Item	Material	Quantity	UnE	Plant	Storage Loc.
1	10152	1	EA	400	
2	10125	10	L	400	
3	10126	15	EA	400	
4				400	
5				400	

4. Click save button to save the reservation document.



Result

You have created reservation document (627).

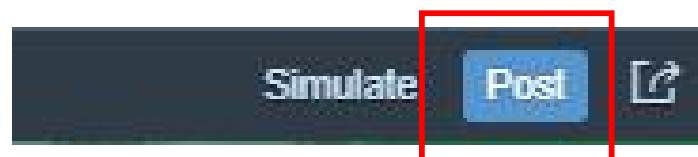
1.1.4 Goods Issue

1. Open "Post Goods Issue" App. from Fiori Launchpad.
2. Select Action as Goods Issue and Reference as Reservation.
3. Enter Reservation Number and press Enter.

Goods Issue	Reservation
General	Additional Header
Document Date	24.04.2018
Posting Date	24.04.2018
☐	Collective Slip

Line	Mat. Short Text		OK	Qty in UnF	Ein	S Loc	Order	Co	Profit Center
1	200 KVA Transformer (Damage B/W)	☐	☒	1	EA	T.R.W	700120	1000	10400
2	OIL LUBRICANT	☒	☐	10	L	T.R.W	700120	1000	10400
3	ENAMELLED COPPER WIRE 1.6MM	☒	☐	15	EA	T.R.W	700120	1000	10400

4. All the data from reservation will be copied. Maintain any other required data.
5. If serial number profile is defined in the material master then also enter Serial Number: SKP000000000000036 of the relevant material.
6. Check the document for any error.
7. Choose Post (Ctrl+S).



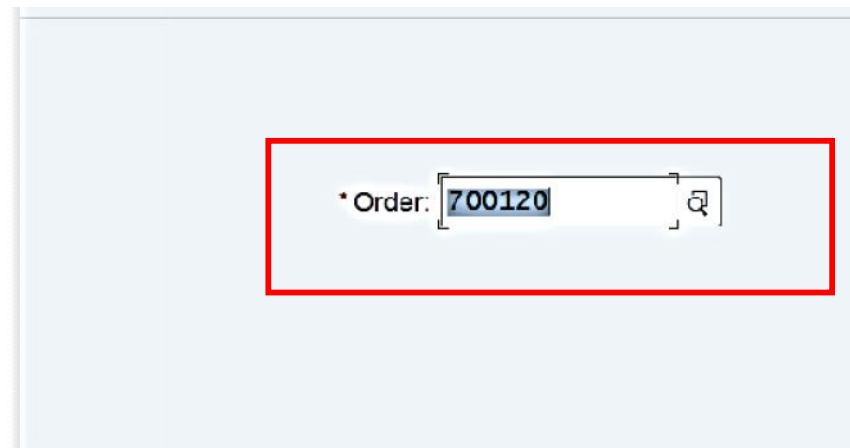
Result

You have posted goods issuance document: 4900000353

1.1.5 Change CO production Order Status

Procedure

1. Open “Change CO Production Order” App. from Fiori Launchpad.
2. Enter Order Number and Press enter.



A screenshot of the SAP Fiori 'Change CO Production Order' application. The interface is light blue. A red rectangular box highlights the input field for the order number. The text '* Order:' is followed by a text box containing the value '700120'. To the right of the text box is a magnifying glass icon, indicating a search or confirmation function.

3. In the Control Tab, Change the system status for the PO to technically complete.

Assignments Control data Prd-end closing General data Investments

Status

System status: REL GMPS SETC ▼ ^ Tech. comple

Allowed transacts.

4. Press Save(Ctrl+S).

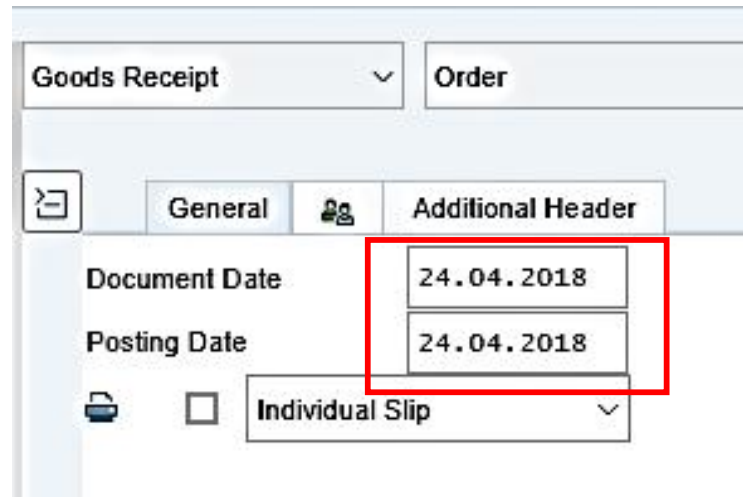


Result

CO Production order is technically completed in company code 1000.

1.1.6 Reclaimed Transformer Goods Receipt

1. Open "Post Goods Movement" App. from Fiori Launchpad.
2. Select Action as Goods Receipt and Reference as Order.
3. Enter Order Number and press Enter.
4. Data from order will be copied. Maintain any other required data.
5. If serial number profile is defined in the material master then also enter serial number of the relevant material.
6. Check the document for any error.
7. Choose Post (Ctrl+S).



The screenshot shows the SAP 'Post Goods Movement' app interface. At the top, there are two dropdown menus: 'Goods Receipt' and 'Order'. Below these, there are three tabs: 'General', 'Additional Header', and 'Additional Footer'. The 'General' tab is selected. In the 'General' tab, there are two date fields: 'Document Date' and 'Posting Date', both of which are set to '24.04.2018'. These two date fields are highlighted with a red rectangle. Below the date fields, there is a checkbox labeled 'Individual Slip' which is currently unchecked.

Line	Sta...	Mat. Short Text	...	OK	Qty in UnE	EUn	SLoc	WIP Batch	Batch	Valuation T...	M...	...	Stock Type	PInt
1	■	200 KVA Transformer (REC)	☐	☒	1	EA	T.R.W				101	+	Unrestricted...	IESCO



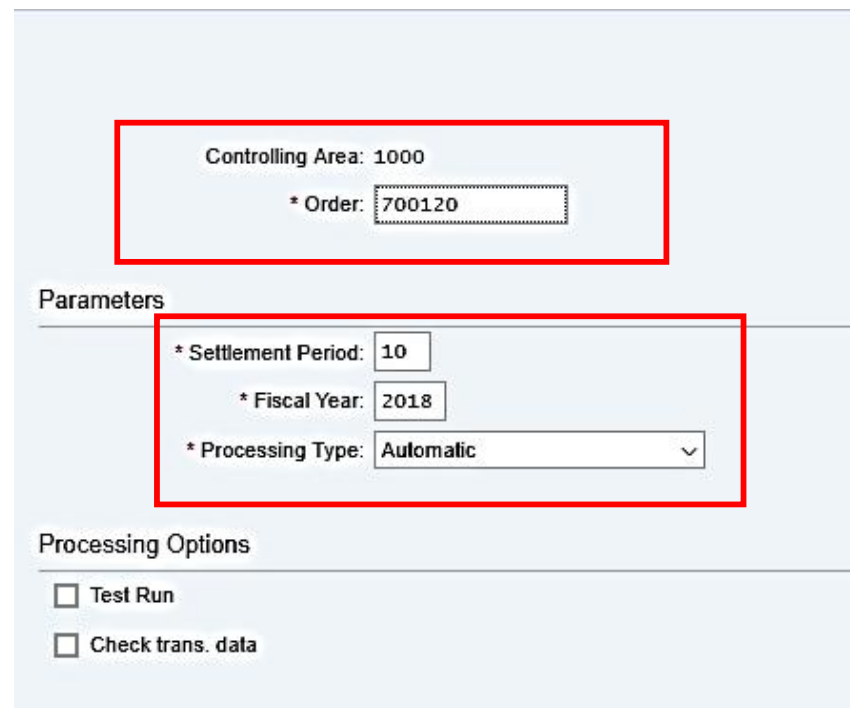
Result

You have posted goods receiving document.

1.1.7 Settlement of Production Order

Procedure

1. Open "Run Actual Settlement orders" App. from Fiori Launchpad.
2. Enter the Order number and Settlement parameters and finally removing the Test Run check to settle the PO.



Controlling Area: 1000

* Order: 700120

Parameters

* Settlement Period: 10

* Fiscal Year: 2018

* Processing Type: Automatic

Processing Options

☐ Test Run

☐ Check trans. data

3. Press Execute.



Result

CO Production order is settled in company code 1000.