# Materials Management
# SAP Implementation at IESCO
## Training Document
# Transformer Repair

# Contents


1 Purpose ... 3

1.1 Process Steps ... 4

1.1.1 Create CO Production Order ... 4

1.1.2 Enter Direct Activity Allocation ... 6

1.1.3 Reservation ... 9

1.1.4 Goods Issue ... 13

1.1.5 Change CO production Order Status ... 16

1.1.6 Reclaimed Transformer Goods Receipt ... 18

1.1.7 Settlement of Production Order ... 20

# Transformer Repair Process

## 1 Purpose

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

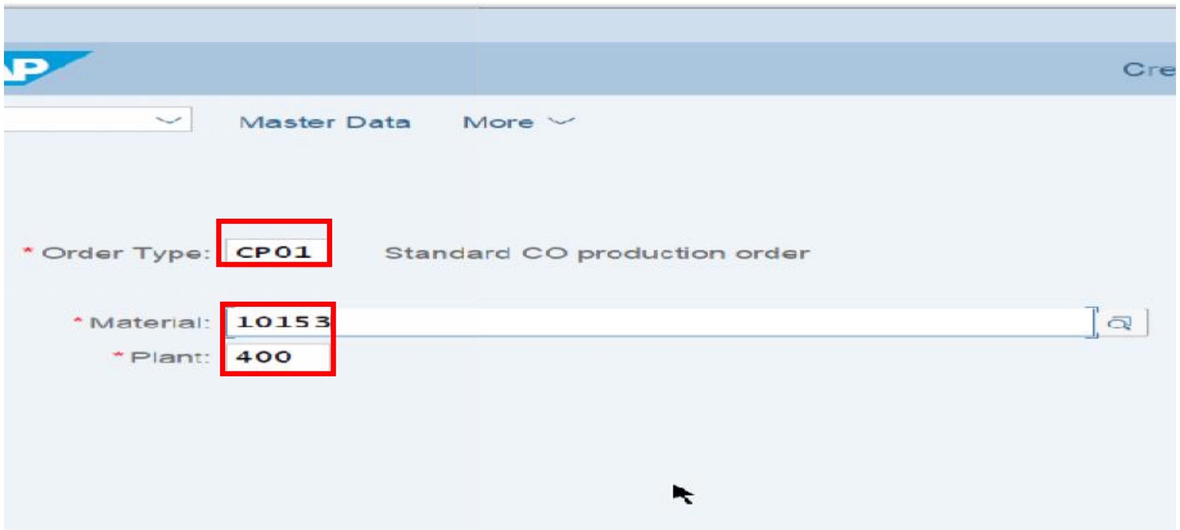
## 1.1.1 Create CO Production Order

### Use

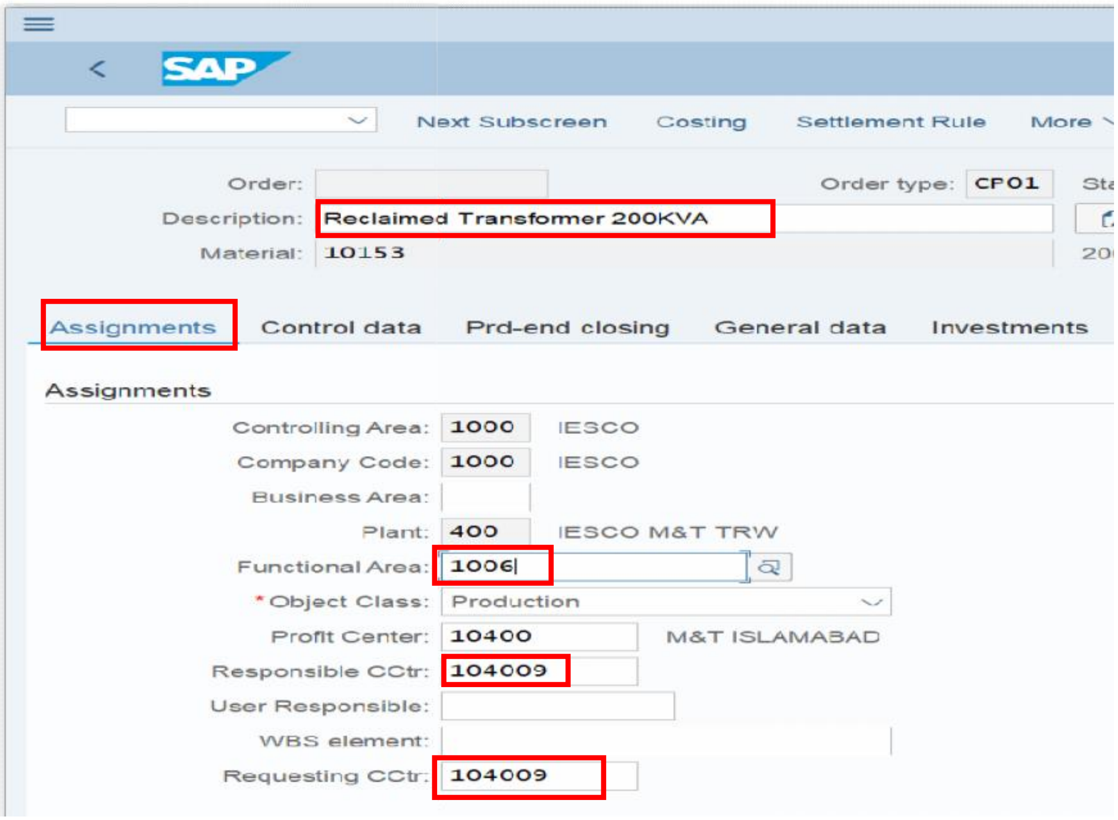
Following process steps are followed during the transformer repair.

### 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.



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




Press Save(Ctrl+S).

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

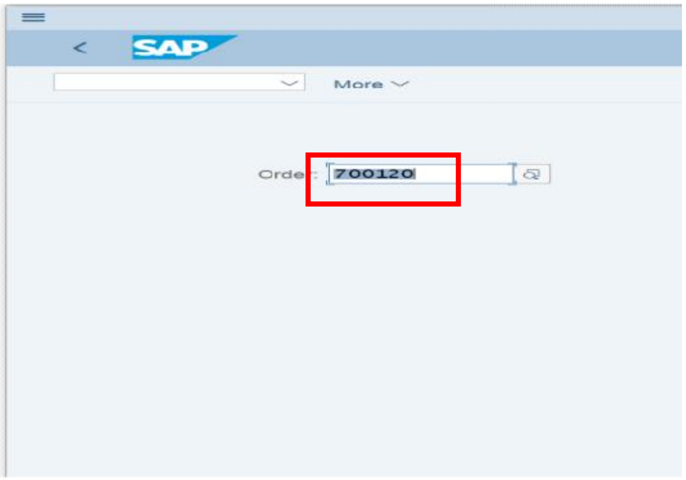
## 1.1.2 Enter Direct Activity Allocation

## Procedure

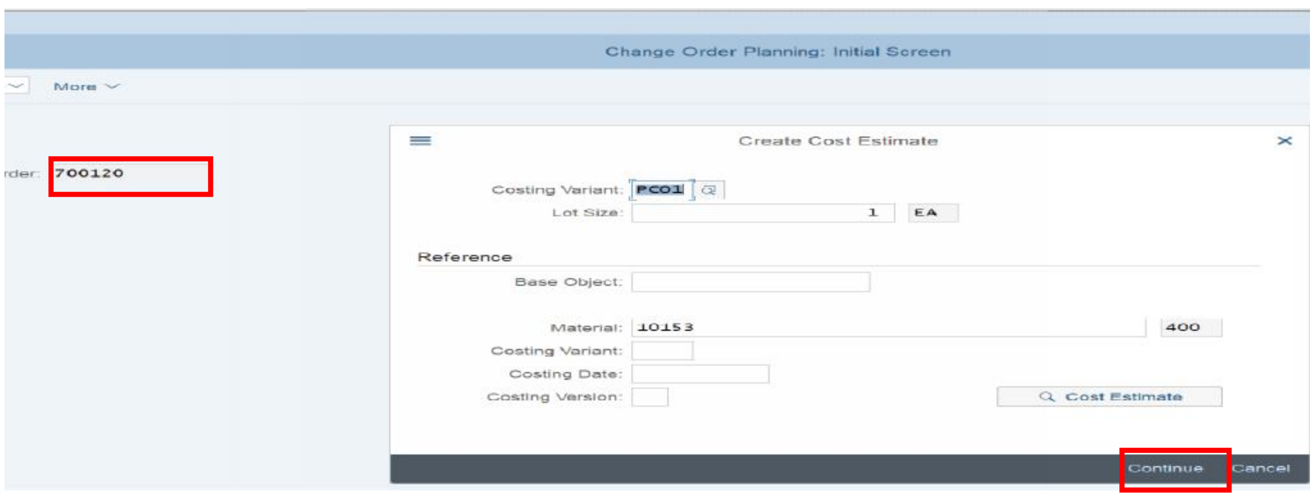
1. Open “Edit Planning for Production” App. from Fiori Launchpad.
2. Enter the required data in the screen below.

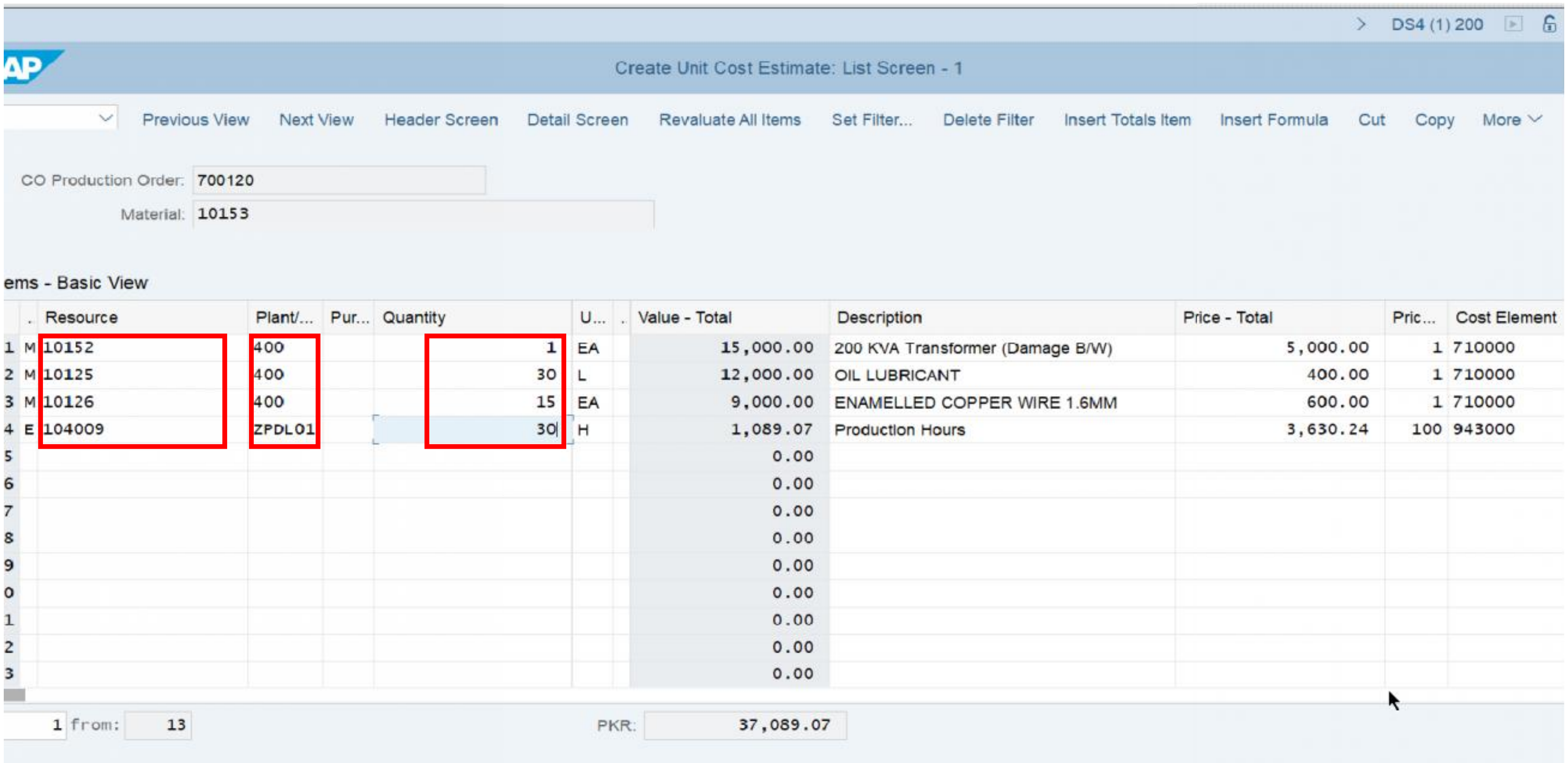
| Field name | Description | User action and values | Comments |
|---|---|---|---|
| Doc.Date | | As per requirement | For example:<br>20.02.2018 |
| Posting date | | As per requirement | 20.02.2018 |
| Send.CCtr | | As per requirement | 104009 |
| Saty Typ | | As per requirement | ZPDL01 |
| Sender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

3. Open “**Edit Planning for Production**” App. from Fiori Launchpad




4. Enter Unit Cost element in the below screen.






5. Press Save (Ctrl+S).

## Result

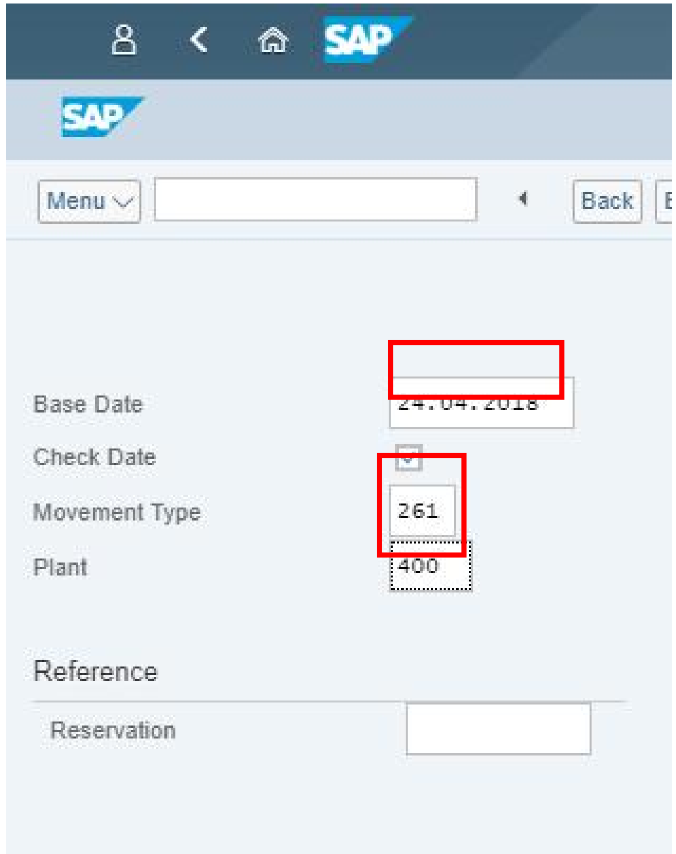
Document is saved in Company Code 1000.

### 1.1.3 Reservation

## Procedure

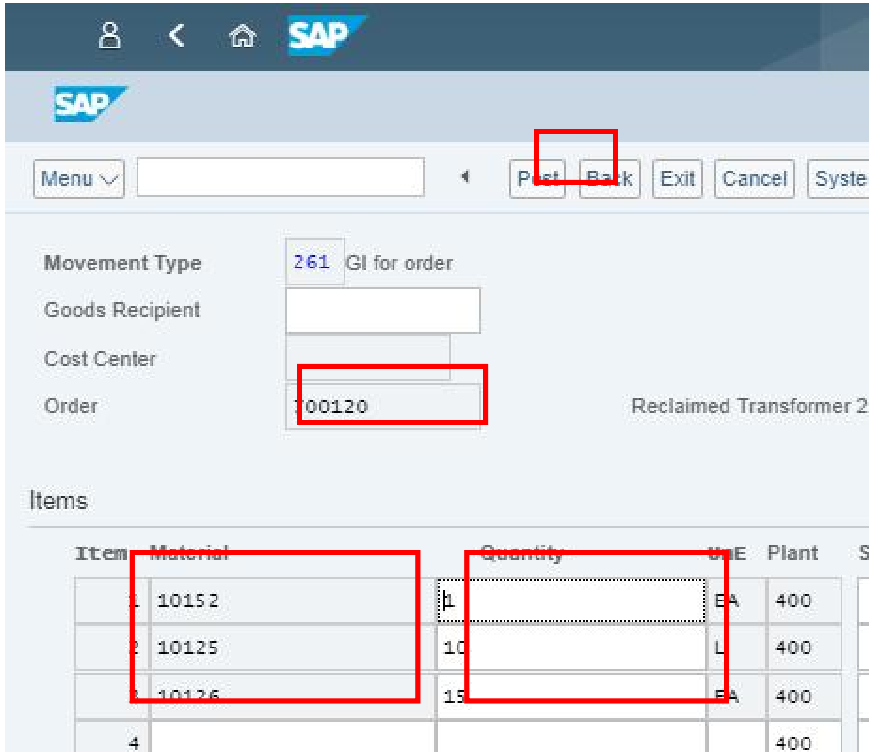
1. Open “Create Reservation” App. from Fiori Launchpad.
2. On Create Reservation: Initial screen, enter movement type and plant.

| 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 |


SAP
Menu
Back
Base Date
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<br>Enter Material: 10125, QTY: 10<br>Enter Material: 10126, QTY: 15 |
| CO-Production No. | | As per requirement | For example: 700120 |



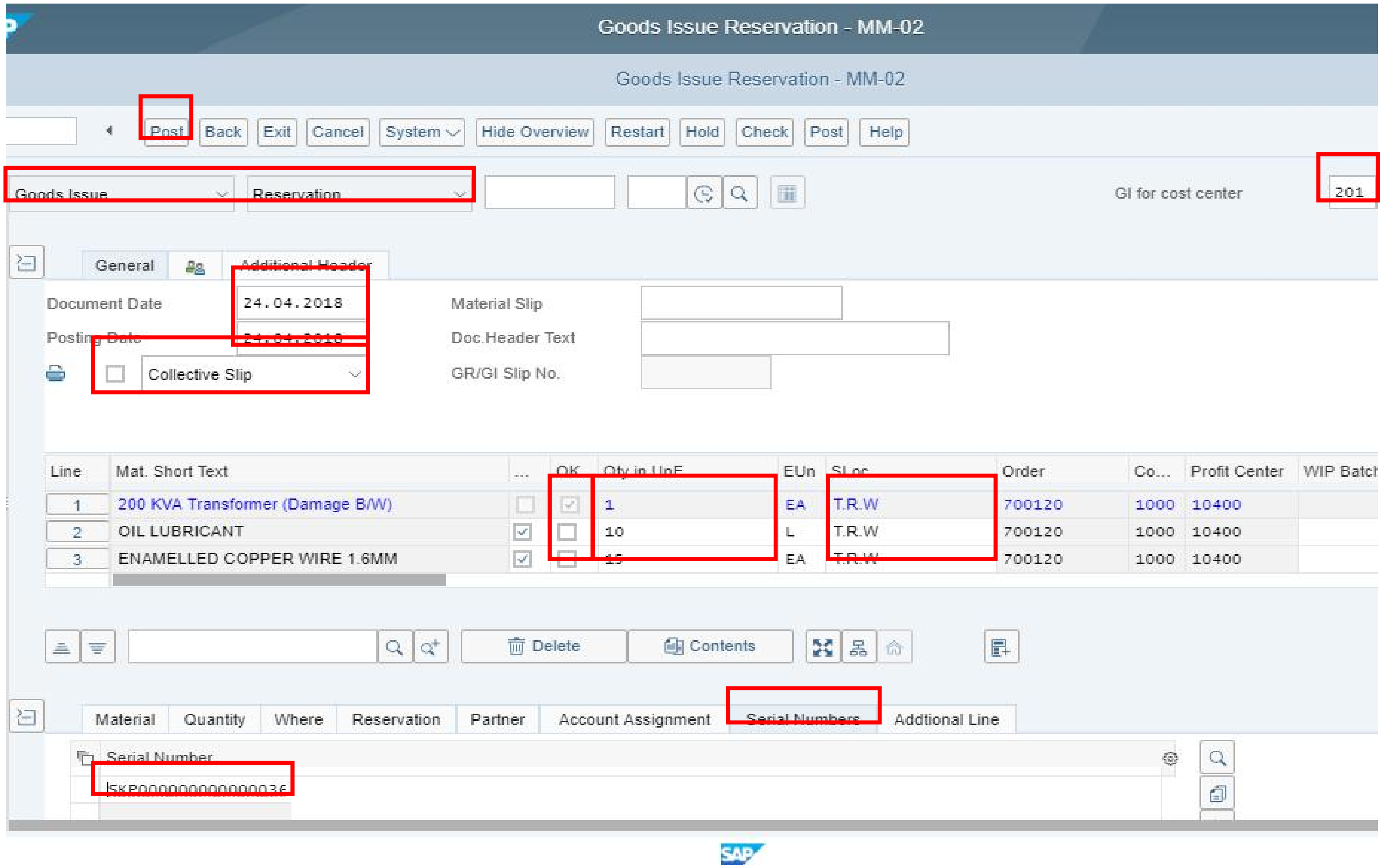

4. Click save button to save the reservation document.

## 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 - MM-02
Goods Issue Reservation - MM-02
Post
Back
Exit
Cancel
System
Hide Overview
Restart
Hold
Check
Post
Help
Goods Issue
Reservation
GI for cost center
201
General
Additional Header
Document Date
24.04.2018
Posting Date
Collective Slip
Material Slip
Doc.Header Text
GR/GI Slip No.
Line
Mat. Short Text
OK
Qty in UnE
EUn
SLoc
Order
Co...
Profit Center
WIP Batch
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
Delete
Contents
Material
Quantity
Where
Reservation
Partner
Account Assignment
Serial Numbers
Addtional Line
Serial Number
SAP

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).

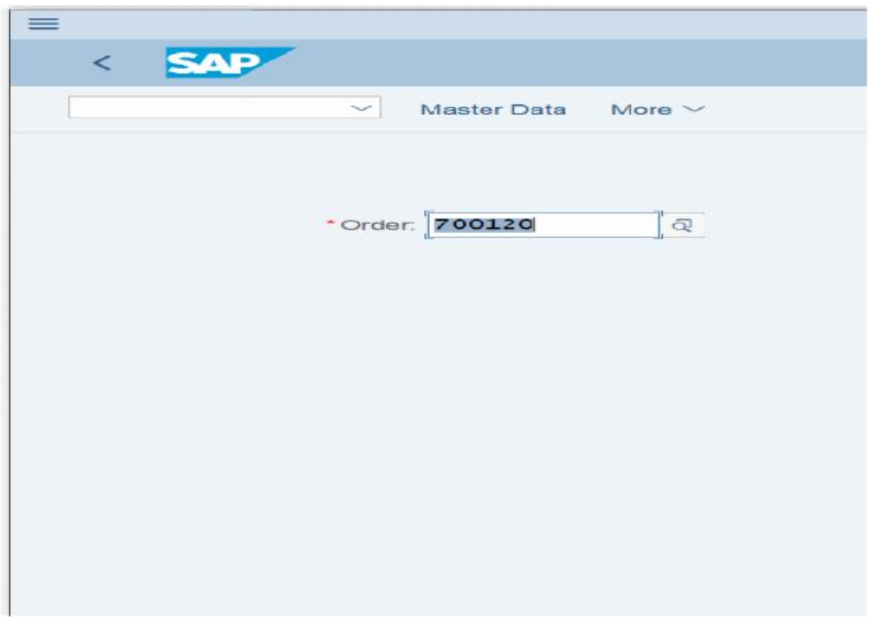
## Result

You have posted goods issuance document: 4900000353

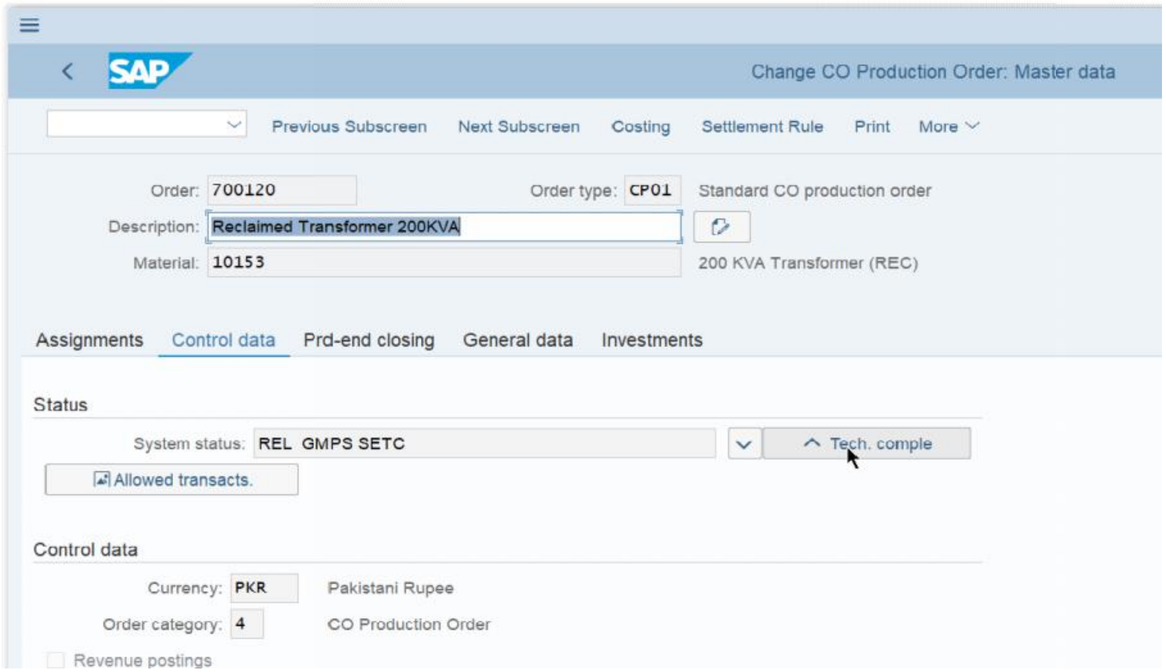
### 1.1.5 Change CO production Order Status

## Procedure

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




3. In the Control Tab, change the system status of the Production Order to technically complete.



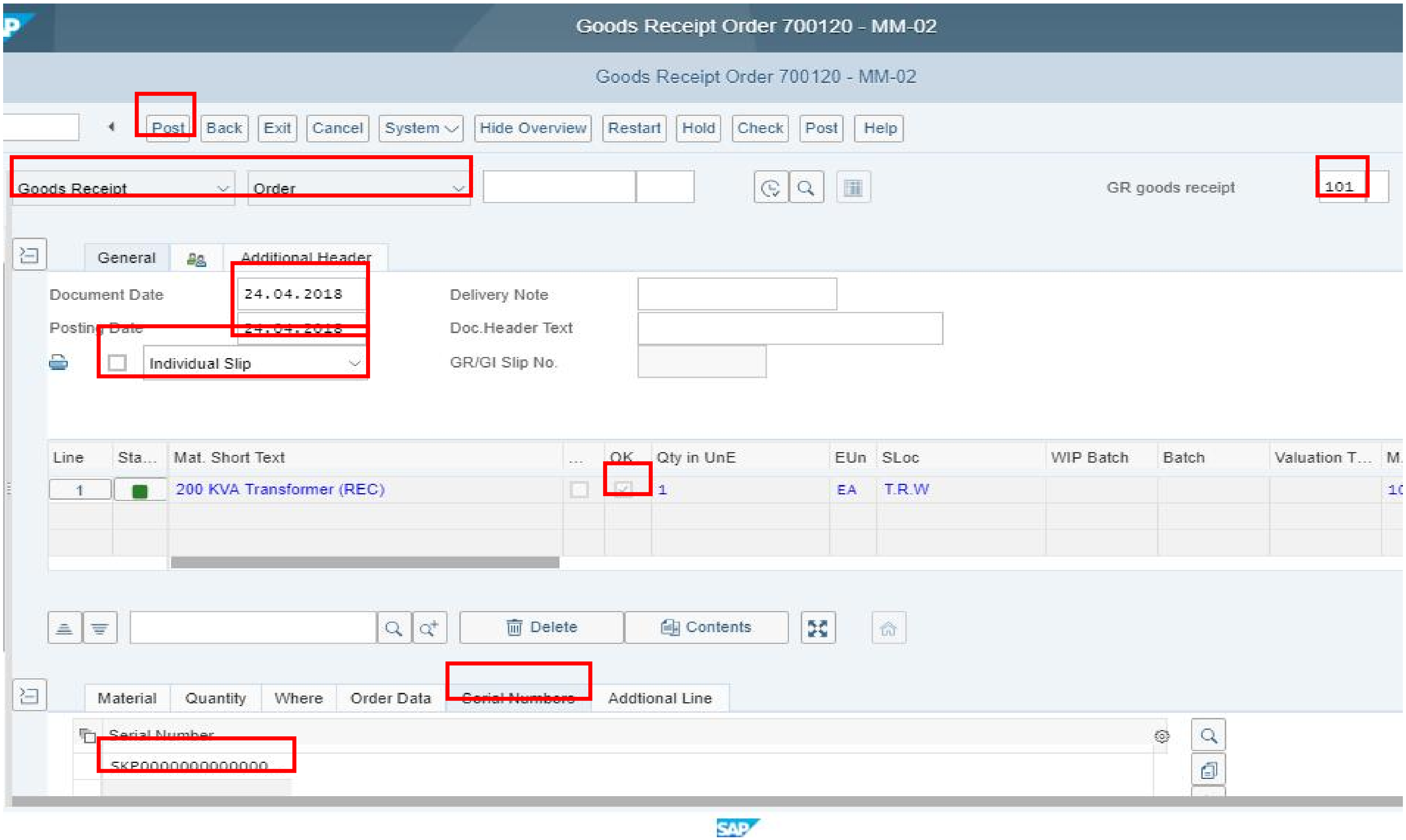

4. Press Save(Ctrl+S).

## 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).


Goods Receipt Order 700120 - MM-02
Goods Receipt Order 700120 - MM-02
Post
Back
Exit
Cancel
System
Hide Overview
Restart
Hold
Check
Post
Help
Goods Receipt
Order
GR goods receipt
101
General
Additional Header
Document Date
24.04.2018
Posting Date
24.04.2018
Individual Slip
Delivery Note
Doc.Header Text
GR/GI Slip No.
Line
Sta...
Mat. Short Text
OK
Qty in UnE
EUn
SLoc
WIP Batch
Batch
Valuation T...
1
200 KVA Transformer (REC)
1
EA
T.R.W
Delete
Contents
Material
Quantity
Where
Order Data
Serial Numbers
Addtional Line
Serial Number
SKP000000000000
SAP

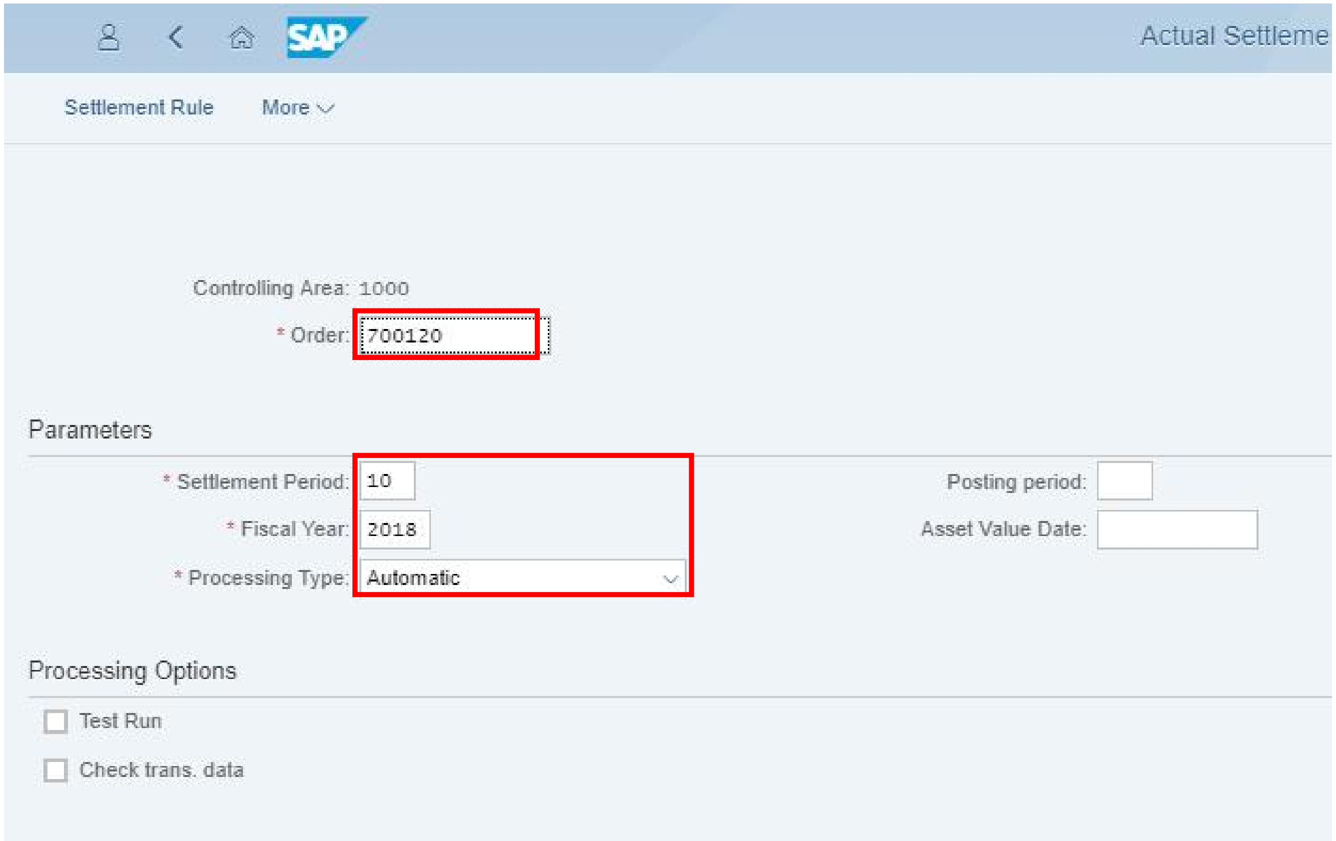
## Result

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. Run Settlement with Test Run check box selected to see the results.If results are OK, then run settlement by removing Test Run tick.




## Result

CO Production order is settled in company code 1000.