

SAP-PLANT MAINTENANCE MODULE (PM)

Process of Withdrawal of O&M Material from Central Stores and Booking materials to Maintenance Order after Consumption

In O&M of EHT Sub stations and lines, several materials would be required for execution of various maintenance activities. Procurement of materials required for O&M through purchase from suppliers is done either by head quarters purchase wing or the concerned zonal/circle offices depending upon the nature and value of the material items. The various materials procured for O&M are stocked in the central stores of AP Transco located in different plants.

Whenever there is requirement of any material items at field level, the concerned field engineers would raise material indents for withdrawing same from central stores. In case of centrally procured materials, the head quarters transmission wing and in case of non centralized items, the concerned zonal office would make the allotments against the indents raised by field engineers.

Based on the material allotment orders, the concerned central stores officials would issue the materials to the O&M wings. After consumption of materials, field O&M wings would book the materials' cost to the respective works.

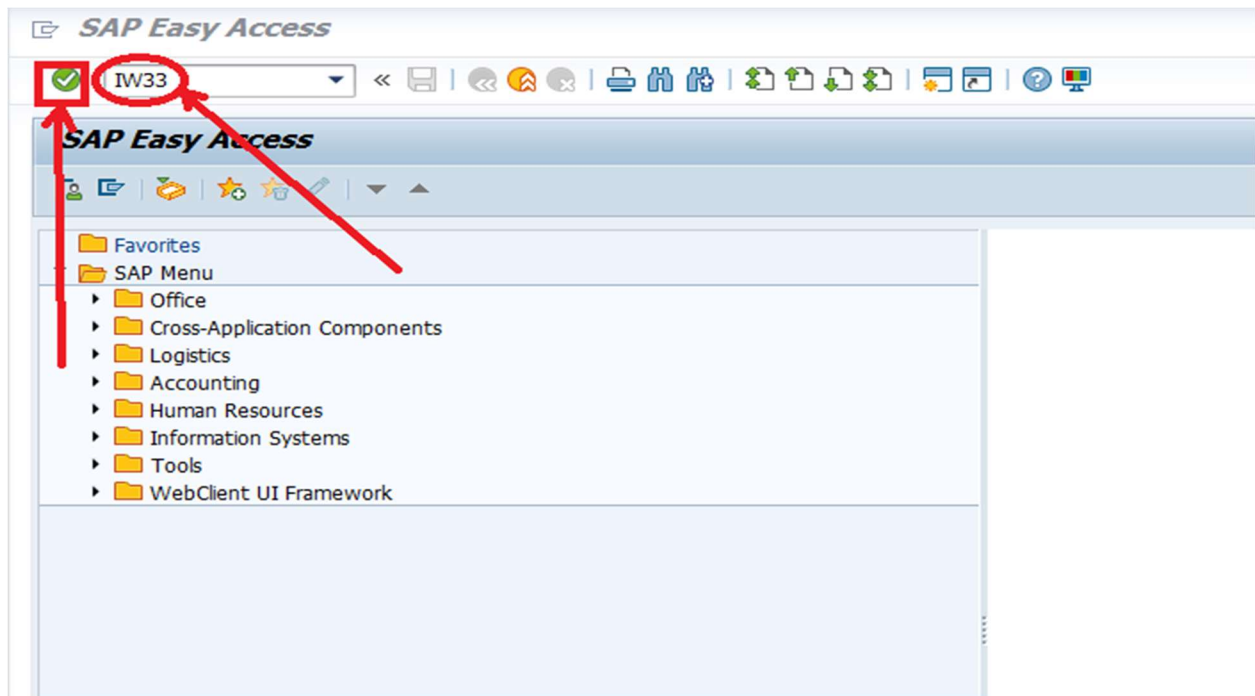
In SAP all the O&M expenditure towards consumption of materials and availing external services are booked to the concerned sub division cost centers through maintenance orders. The entire process of material indenting, allotment, issue by stores and booking to the cost center is carried out through maintenance order only. Hence in O&M, creation of maintenance order is mandatory wherever expenditure is involved.

In this document, step by step procedure of approaching central stores after allotment of material by concerned authority, Issue of materials by stores authorities, receipt of materials into local O&M storage location and issue of materials to the concerned maintenance order after consumption is explained in detail with SAP screen shots.

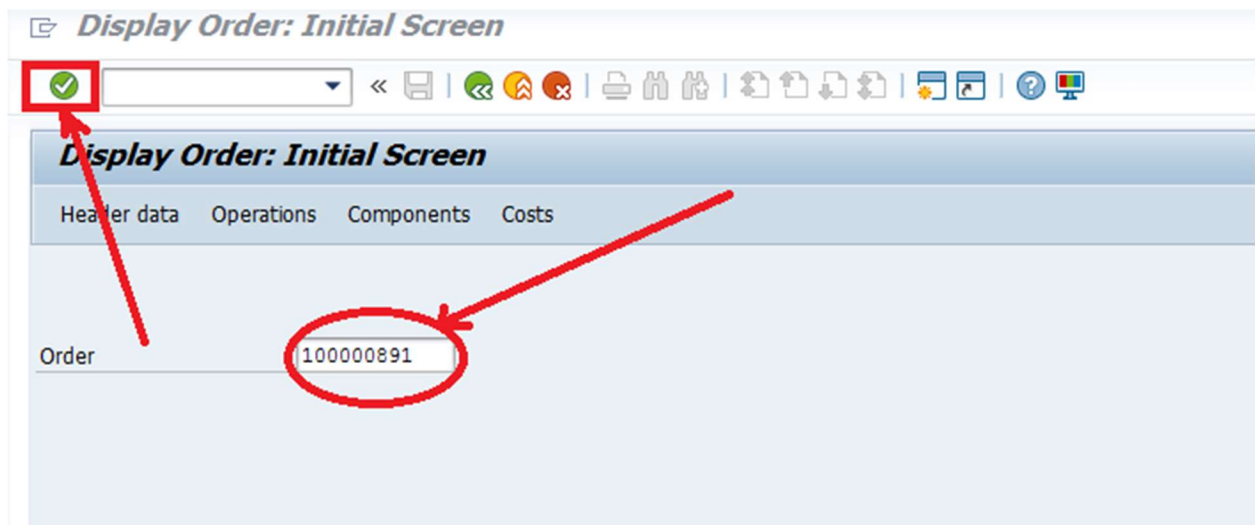
STEP-1: When the allotment order is issued by allotment authority, an **outbound delivery** document would automatically be created by the system for further process of issue of material by stores authority and receipt of material into local storage location of field O&M wings.

In the **Other Details/Enhancements** tab of the maintenance order, it can be verified whether material allotment order is issued against material indent raised in a maintenance order.

Enter the T-Code **IW33** in the command field and click **enter** button as shown below.



STEP-2: Enter **maintenance order** number and click **enter** button as shown below.



STEP-3: click the **Other Details/Enhancements** tab in the maintenance order no: **100000891**.

The screenshot shows the SAP interface for displaying a maintenance order. The title bar reads "Display Breakdown Maintenance Order 100000891: Central Header". The order number is 100000891, and the description is "Replacement of 220kv SF6 circuitbreaker". The system status is REL MSPT PRC SETC. The "Other Details" tab is selected and highlighted with a red circle. A red arrow points to this tab. The interface includes various fields for planning, costs, and additional data.

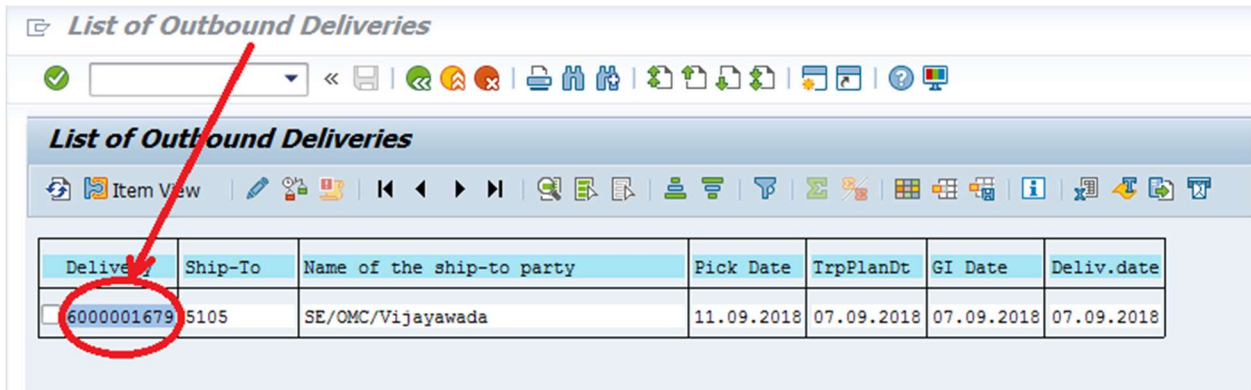
STEP-4: If the allotment order is created by concerned allotment authority, the **Allotment Status** and **Outbound Delivery** check boxes would be checked and execute symbols against check boxes would be updated as indicated below. If the respective execute buttons are clicked, details of the documents created can be viewed.

Click the execute button against **Outbound Delivery**.

The screenshot shows the "Allotment Details" section of the SAP interface. It lists several items with checkboxes and execute buttons (represented by a yellow icon with a circular arrow). The items are: Indent, Allotment Status, Outbound Delivery, PGI-Issue from store, MIGO-Mat. receipt, and Components Stock. The checkboxes for Indent, Allotment Status, and Outbound Delivery are checked. A red box highlights the execute buttons for Allotment Status and Outbound Delivery. A red arrow points to the execute button for Outbound Delivery.

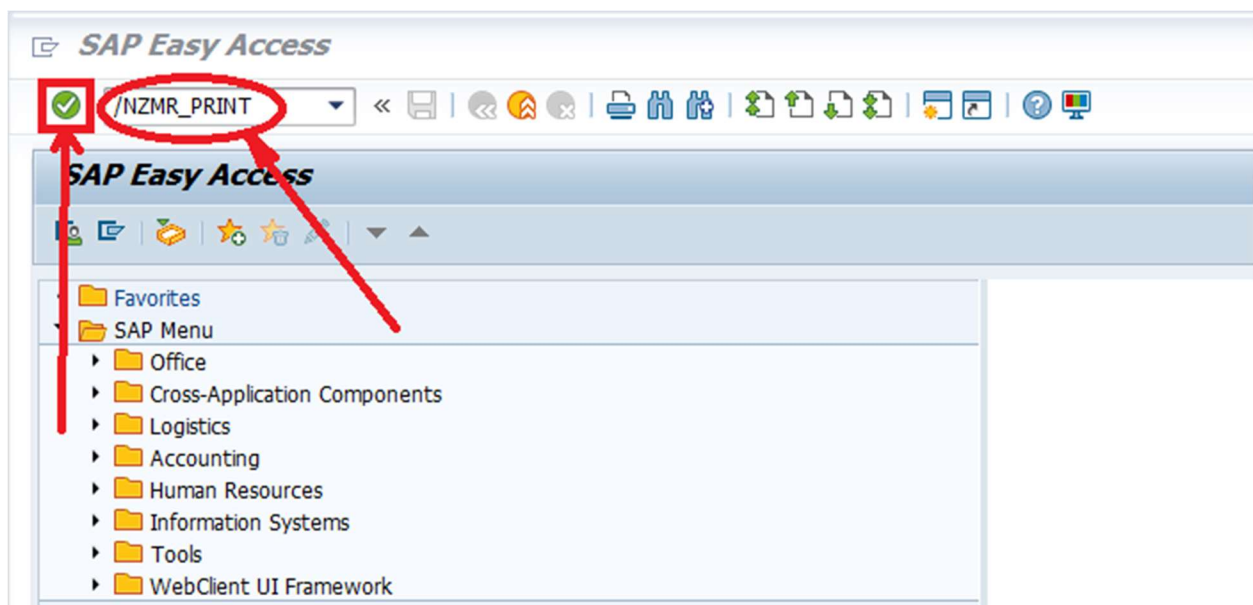
STEP-5: Note/Copy outbound delivery number as shown below.

List of Outbound Deliveries

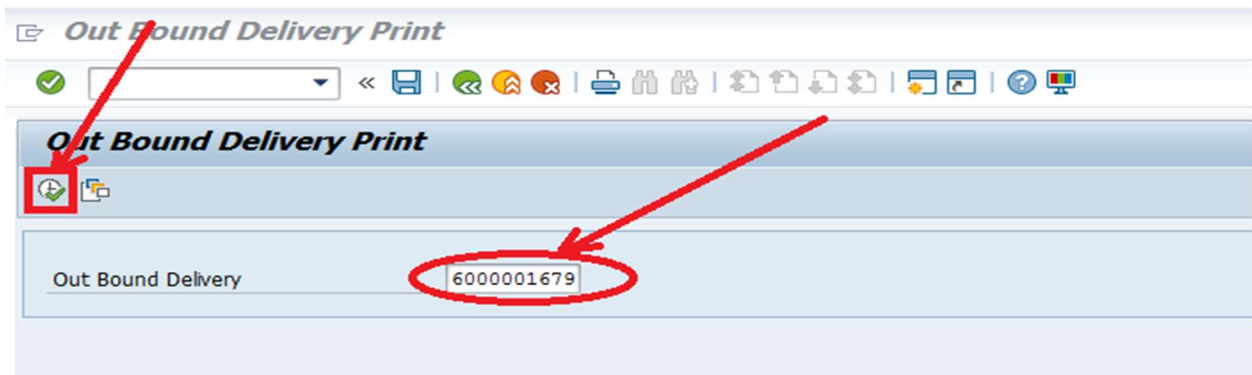


Deliver	Ship-To	Name of the ship-to party	Pick Date	TrpPlanDt	GI Date	Deliv.date
6000001679	5105	SE/OMC/Vijayawada	11.09.2018	07.09.2018	07.09.2018	07.09.2018

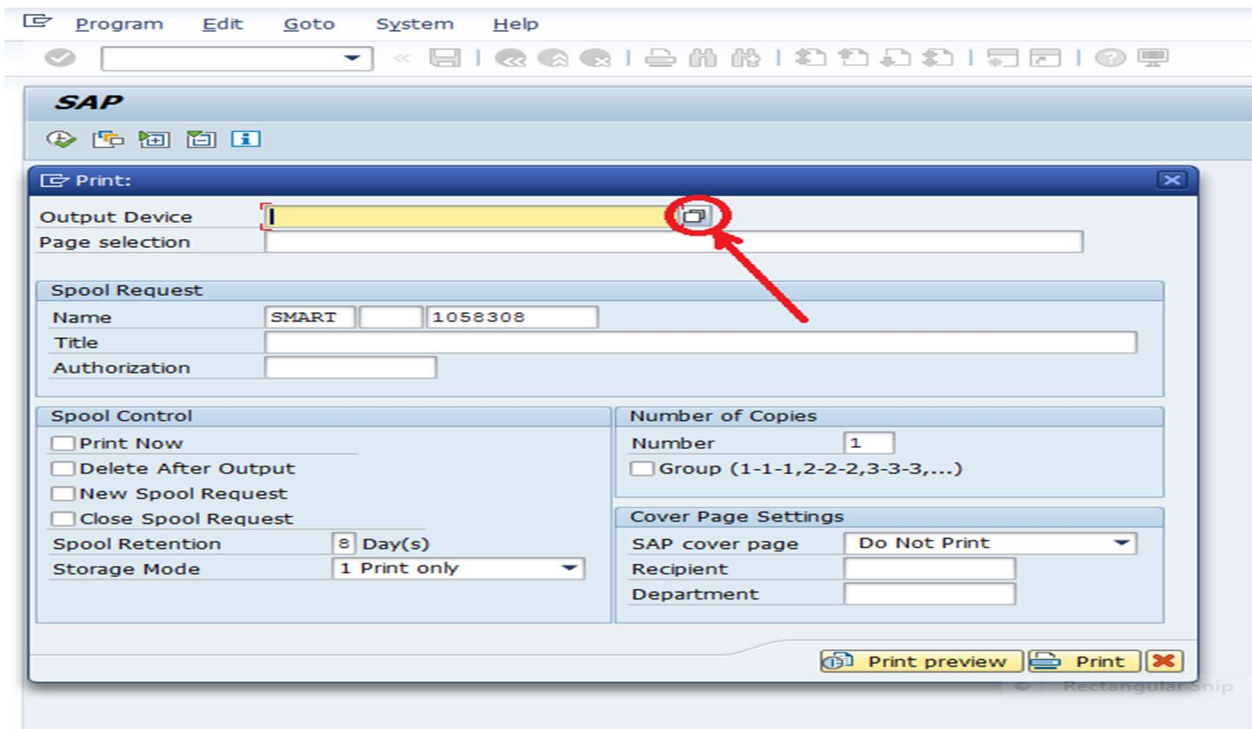
STEP-6: Enter the T-code **/NZMR_PRINT** in the command field and click **enter** button as shown below.



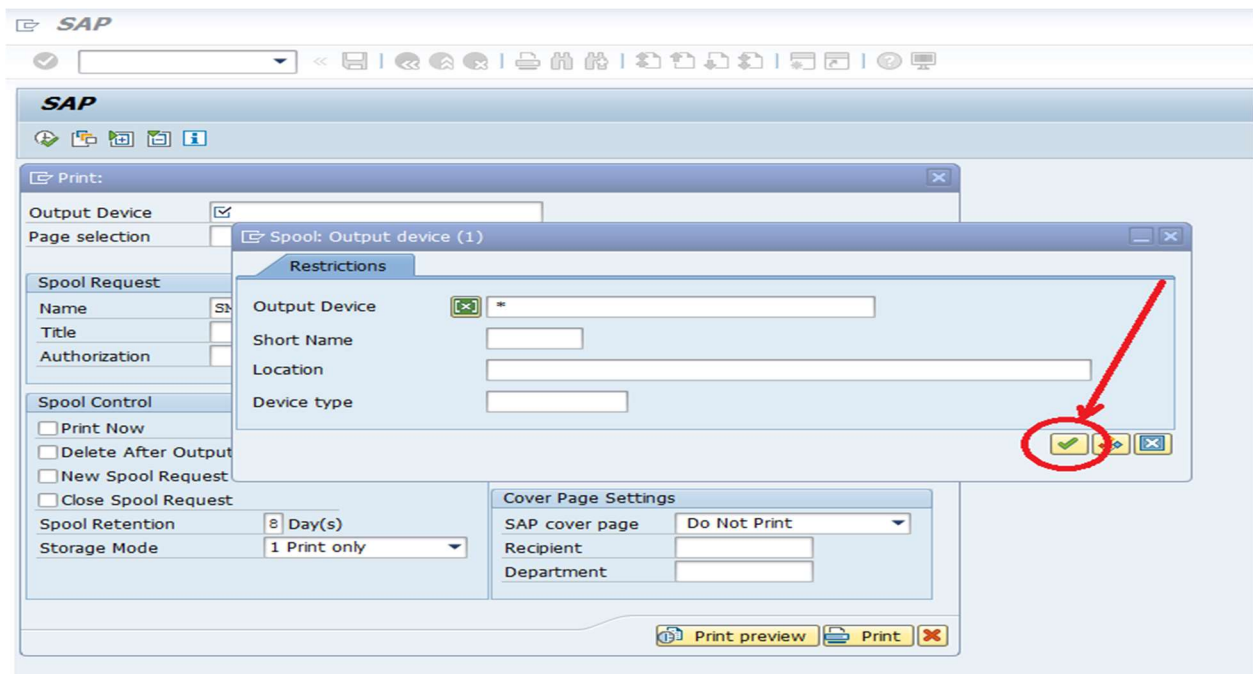
STEP-7: Enter outbound delivery number and click **execute** button as indicated below.



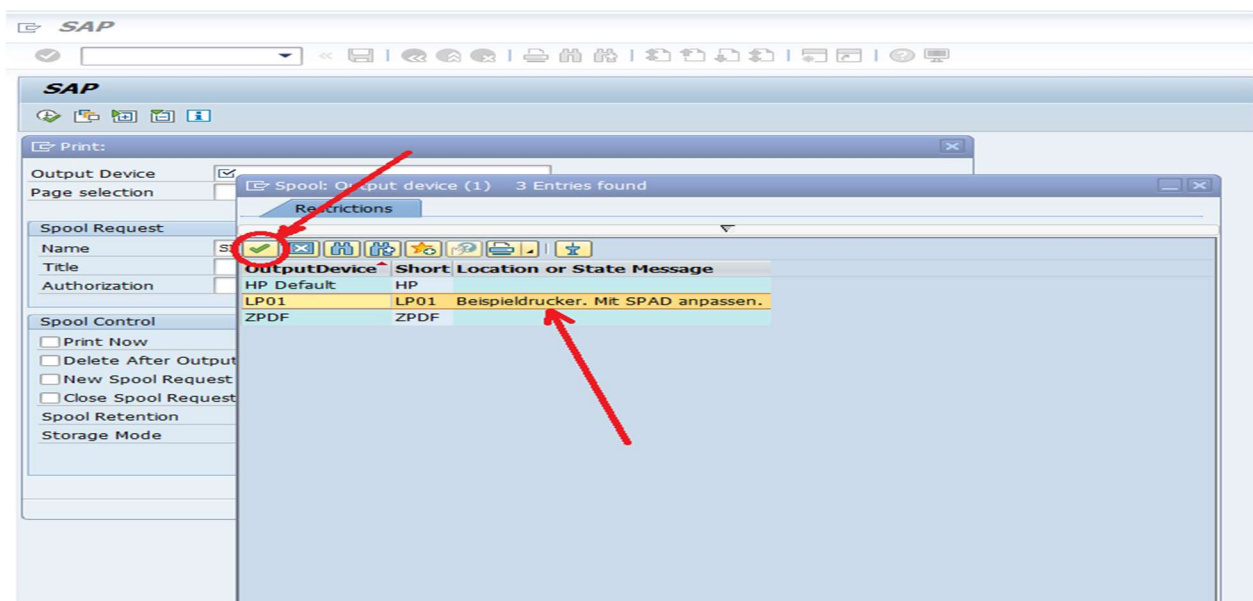
STEP-8: Click **search** button beside output device field as shown below.



STEP-9: Click **enter** button as shown below, in spot output device screen.



STEP-10: Select **LP01** and click **enter** button as shown below.



STEP-11: Click **Print Preview** as shown below.

SAP

Print:

Output Device: **LP01** Beispieldrucker. Mit SPAD anpass

Page selection:

Spool Request

Name: SMART 1058308

Title:

Authorization:

Spool Control

☐ Print Now

☐ Delete After Output

☐ New Spool Request

☐ Close Spool Request

Spool Retention: 8 Day(s)

Storage Mode: 1 Print only

Number of Copies

Number: 1

☐ Group (1-1-1,2-2-2,3-3-3,...)

Cover Page Settings

SAP cover page: Do Not Print

Recipient:

Department:

Print preview **Print**

STEP-12: A report as shown below would be displayed. The purpose of this report is to enable the field O&M staff to approach the concerned central stores with a print out of the report for withdrawing the material. For saving the report in the local computer system, enter **PDF!** in the command field and click **enter** button as shown below.

Print Preview of LP01 Page 00001 of 00001

TRANSMISSION CORPORATION OF ANDHRAPRADESH LIMITED

MATERIAL REQUISITION

Tuesday 11,September,2018 18:51:41

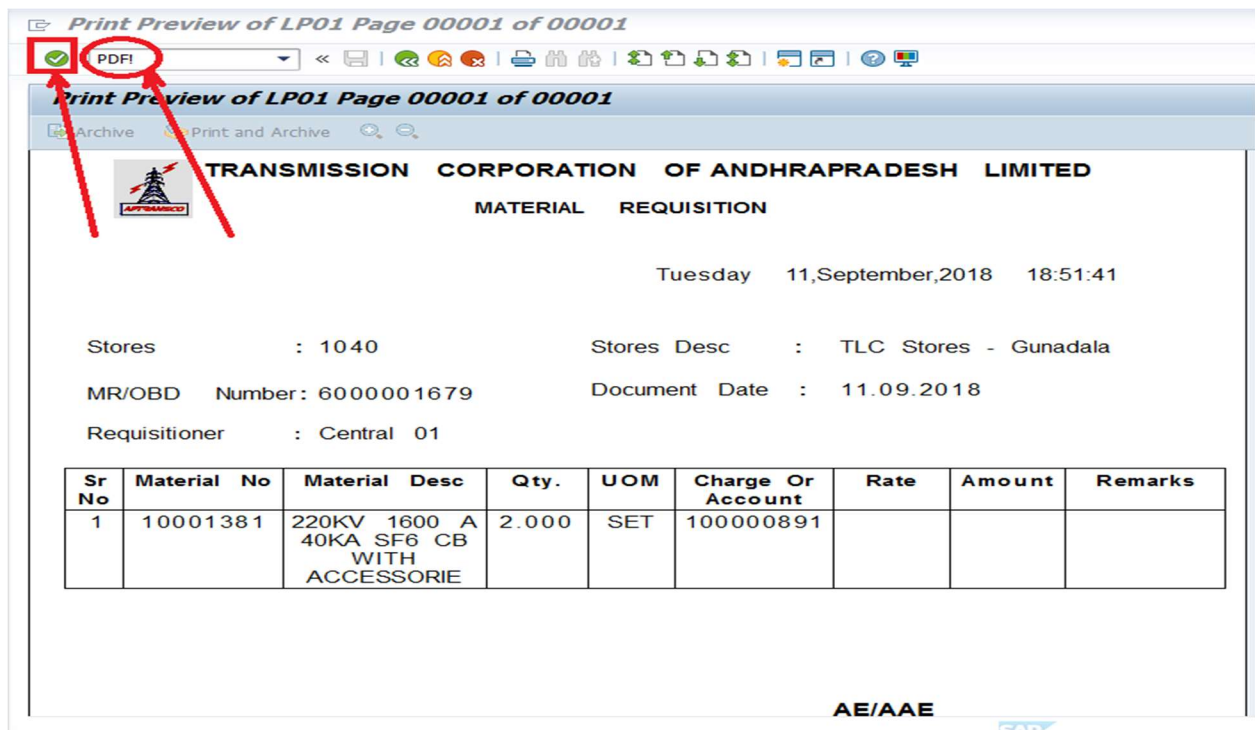
Stores : 1040 Stores Desc : TLC Stores - Gunadala

MR/OBD Number: 6000001679 Document Date : 11.09.2018

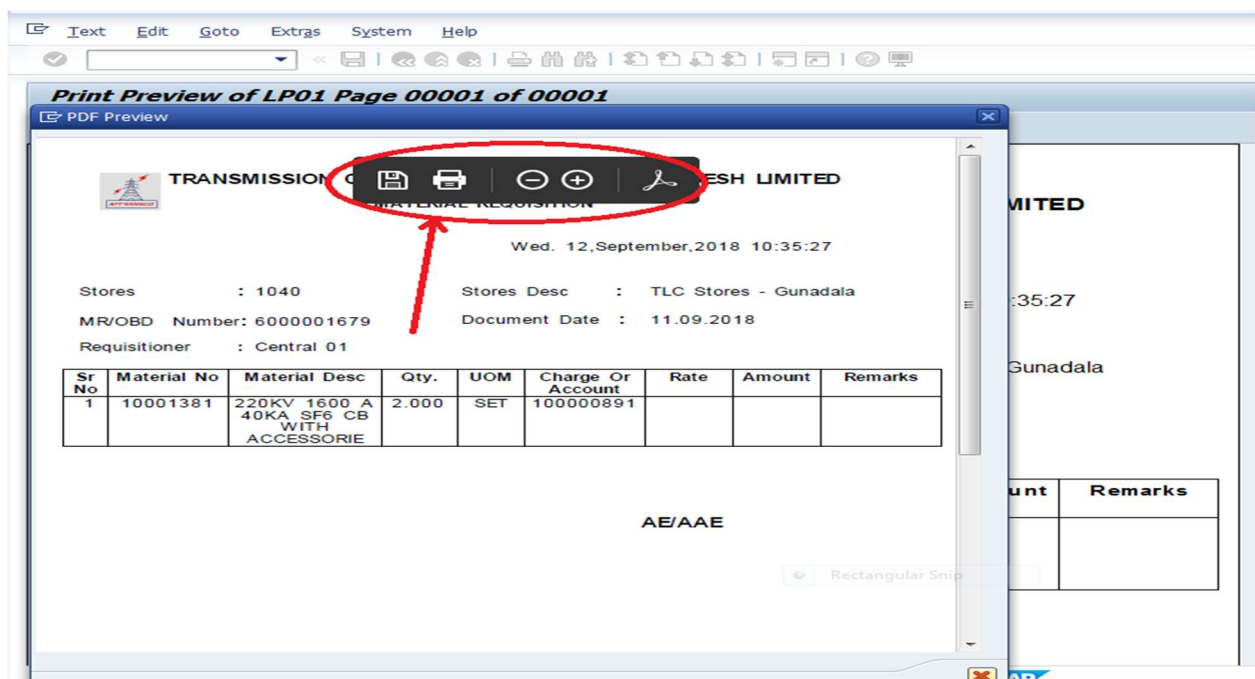
Requisitioner : Central 01

Sr No	Material No	Material Desc	Qty.	UOM	Charge Or Account	Rate	Amount	Remarks
1	10001381	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	2.000	SET	100000891			

AE/AAE



STEP-13: Down load/save the report in local computer system and take the print out of the report as indicated in the below screen shot. The concerned central stores of APTRANSCO should be approached with a signed copy of the **Material Requisition** report, for issue of material by stores authorities.

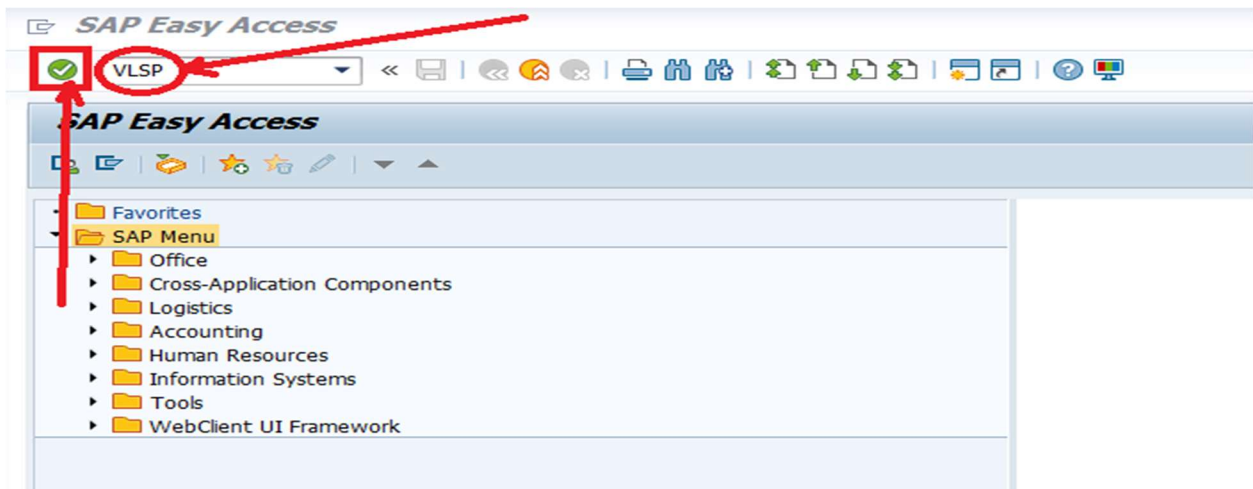


Withdrawal of only partial quantity out of total allotted quantity:-

In case it is necessary, there is a provision to withdraw only partial quantity of total allotted quantity. In such a case the outbound delivery automatically created by the system as explained in **STEP-5** above should be split and a new **outbound delivery document (OBD)** should be created for the quantity which is proposed to be immediately withdrawn. The quantity against original OBD would be reduced to that extent. The same can be further split if required.

The process of splitting outbound delivery document is explained below, which should be done after **STEP-5**.

STEP-6: Enter T-code **/NVLSP** in the command field and click enter button as follows.



STEP-7: Enter OBD number which is created by system as follows.

Subsequent Outbound-Delivery Split

Organizational Data
Shipping Point/Receiving Pt to

Document Data
Outbound Delivery 6000001679 to

Handling Unit Data
Handling Unit to

Partner Data
Ship-To Party to

Shipment Data
Loading Point to
Unloading Point to
Shipment Number to

Split Parameters
Split Profile ☒
☐ Set load. status automatically

STEP-8: Click **search** button beside split Profile field as indicated below.

Select delivery split from the list and click **enter** button in search window, as shown below.

Subsequent Outbound-Delivery Split

Organizational Data
Shipping Point/Receiving Pt to

Document Data
Outbound Delivery 6000001679 to

Handling Unit Data
Handling Unit to

Partner Data
Ship-To Party to

Shipment Data
Loading Point to
Unloading Point to
Shipment Number to

Split Parameters
Split Profile ☒
☐ Set load. status automatically

Business Admin. Transaction in which Split is to Take Place (1) ...

Restrictions

Profile	Text
0001	Planning
0002	Shp. Cmpltn on the Load. Ramp
0003	Delivery Split - LE Components
0011	SPE Split Prof. for Returns

4 Entries found

STEP-9: Click **execute** button as shown below.

Subsequent Outbound-Delivery Split

Organizational Data
 Shipping Point/Receiving Pt to

Document Data
 Outbound Delivery **6000001679** to

Handling Unit Data
 Handling Unit to

Partner Data
 Ship-To Party to

Shipment Data
 Loading Point to
 Unloading Point to
 Shipment Number to

Split Parameters
 Split Profile **0003**
☐ Set load. status automatically

STEP-10: In the **split quantity** field **enter** the quantity proposed to be withdrawn from stores and click **Simulate Split** as shown below.

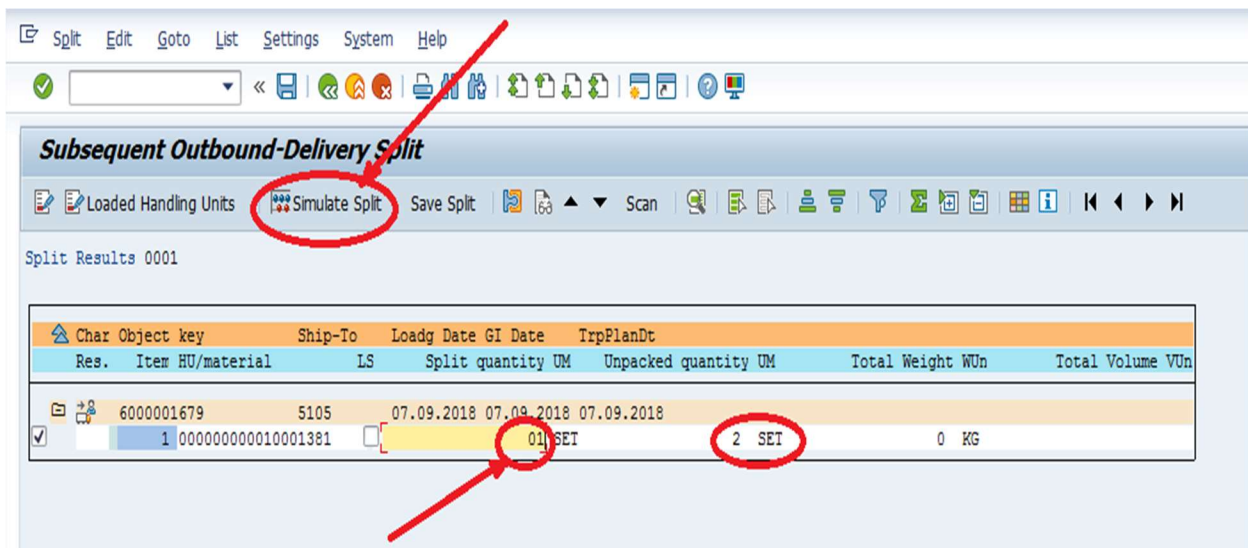
It may be noted that in the present example, 2nos sets of 220KV Circuit breakers are allotted. As it is proposed to withdraw only one breaker for now, the split quantity is entered as 1set as indicated in second screen shot below.

Subsequent Outbound-Delivery Split

Loaded Handling Units | **Simulate Split** | Save Split | Scan

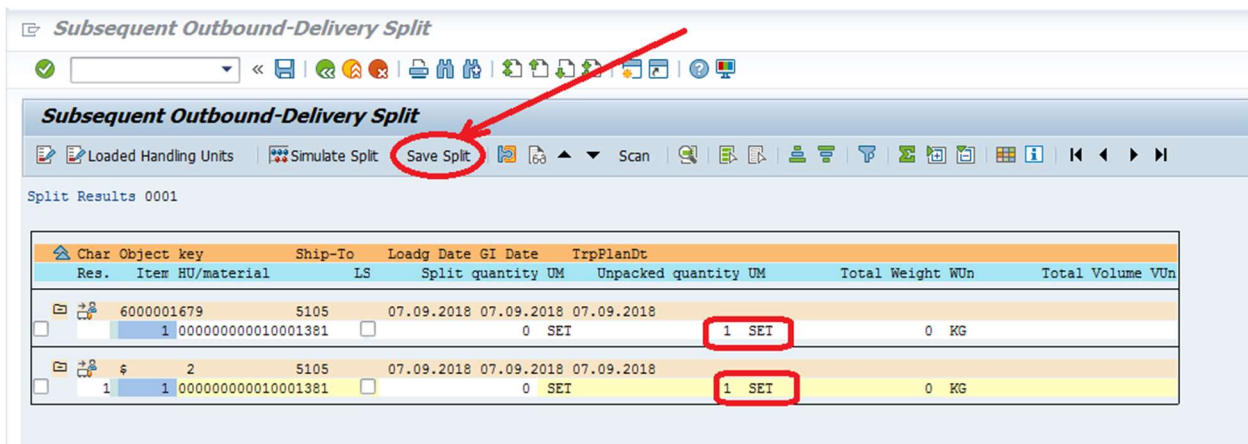
Split Results 0001

Char	Object key	Ship-To	Loadg Date	GI Date	TrpPlanDt			
Res.	Item	HU/material	LS	Split quantity	UM	Unpacked quantity	UM	Total Weight WUn
								Total Volume VUn
	6000001679	5105	07.09.2018	07.09.2018	07.09.2018			
	1	0000000000010001381		0	SET	2	SET	0 KG



STEP-11: Now it can be noted that the total allotted quantity of **2 sets** is split into two separate OBDs with **1 set** each as shown below. The OBD number for the newly created OBD would be assigned after saving the split.

Click **Save Split** as indicated below.



STEP-12: It may be noted that after saving the split, a new **OBD document with no: 6000001683** is created as shown below for **1set**, duly splitting total quantity of **2sets**.

Subsequent Outbound-Delivery Split

Split Results 0001

Char	Object key	Ship-To	Loadg Date	GI Date	TrpPlanDt	Res.	Item	HU/material	LS	Split quantity	UM	Unpacked quantity	UM	Total Weight	WUn	Total Volume	VUn
			07.09.2018	07.09.2018	07.09.2018		6000001679			0	SET	1	SET	0	KG		
			07.09.2018	07.09.2018	07.09.2018		6000001683			0	SET	1	SET	0	KG		

STEP-13: Now the newly created second OBD document is also updated in the maintenance order, which can be viewed by clicking **execute** button against **outbound delivery** check box in **Other Details/Enhancements** tab of the **maintenance order**, as shown below.

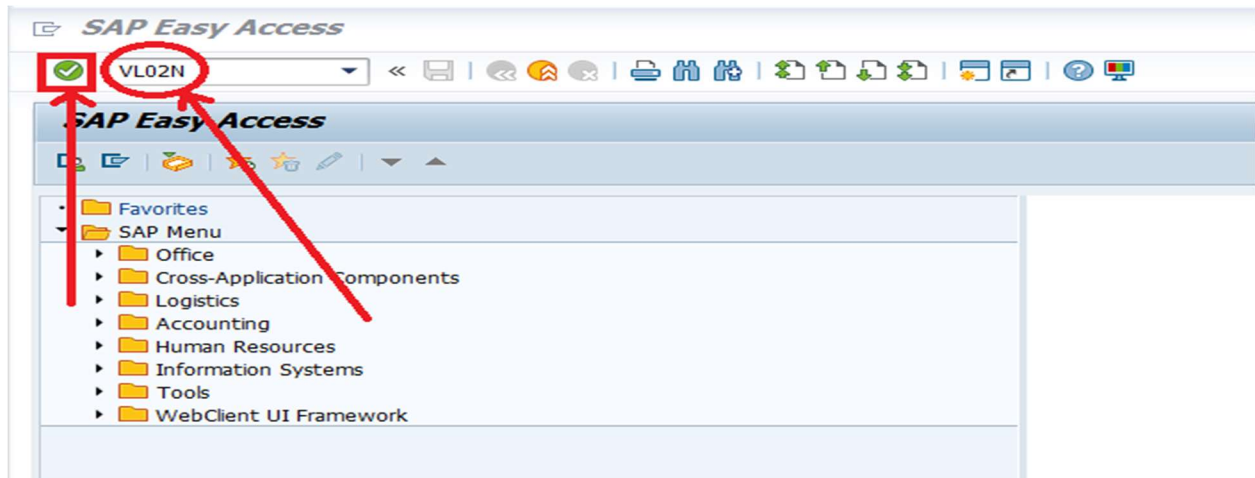
List of Outbound Deliveries

Delivery	Ship-To	Name of the ship-to party	Pick Date	TrpPlanDt	GI Date	Deliv.date
6000001679	5105	SE/OMC/Vijayawada	11.09.2018	07.09.2018	07.09.2018	07.09.2018
6000001683	5105	SE/OMC/Vijayawada	11.09.2018	07.09.2018	07.09.2018	07.09.2018

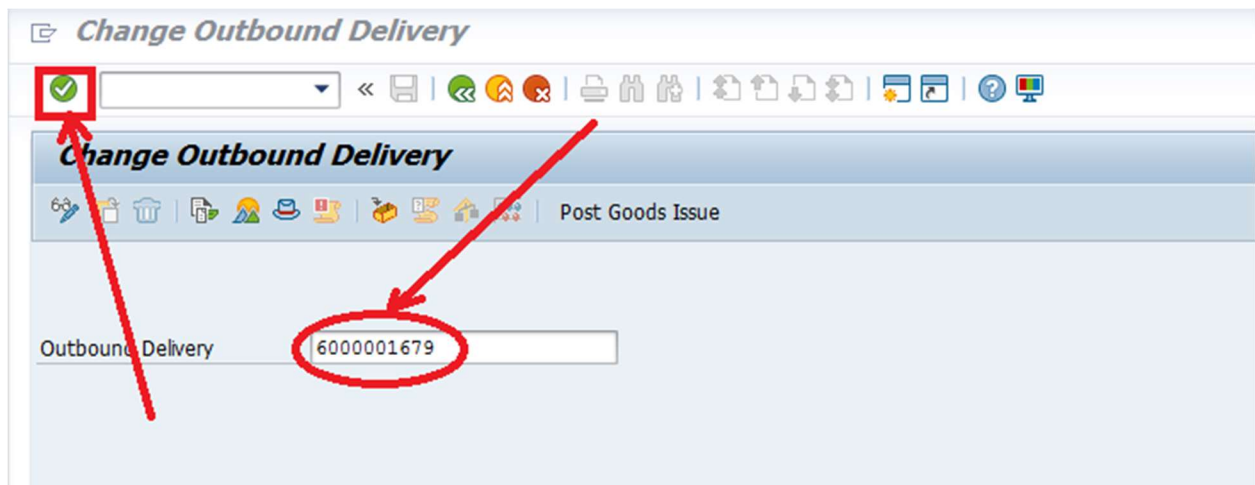
After splitting the Out Bound Delivery Document, the other steps explained earlier in **STEP-6 to STEP-13** above should be followed for the split **OBD NO:6000001683**, for creating Material Requisition report/Print out for withdrawing material from stores.

Issue of Material by Stores authorities:

STEP-1: Enter t-code **VL02N** in the command field and click **enter** button.



STEP-2: Enter the outbound delivery (OBD) number and click **enter** button as indicated below.



STEP-3: Click **picking** tab as shown below.

Outbound Delivery 6000001679 Change: Overview

Outbound deliv. 6000001679 Document Date 11.09.2018
 Ship-To Party 5105 SE/OMC/Vjayawada / 520004 Vjayawada

Item Overview **Picking** Loading Transport Status Overview Goods Movement Data

Planned GI 07.09.2018 00:0... Total Weight
 Actual GI date No.of packages

Item	Material	Deliv. Qty	Un	Description	B..	ItCa	P	V	Batch	Val.
1	10001381	1	SET	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE		ZNLN				NEW

Batch Split Main items All items

STEP-4: The quantity to be issued can be modified by stores authorities in **Delv.Qty** field as indicated below. But Qty cannot be more than allotted Qty.

Click **search** button beside storage location (sloc) field.

Stk Trfr Delivery 6000001679 Change: Overview

Outbound deliv. 6000001679 Document Date 11.09.2018
 Ship-To Party 5105 SE/OMC/Vjayawada / 520004 Vjayawada

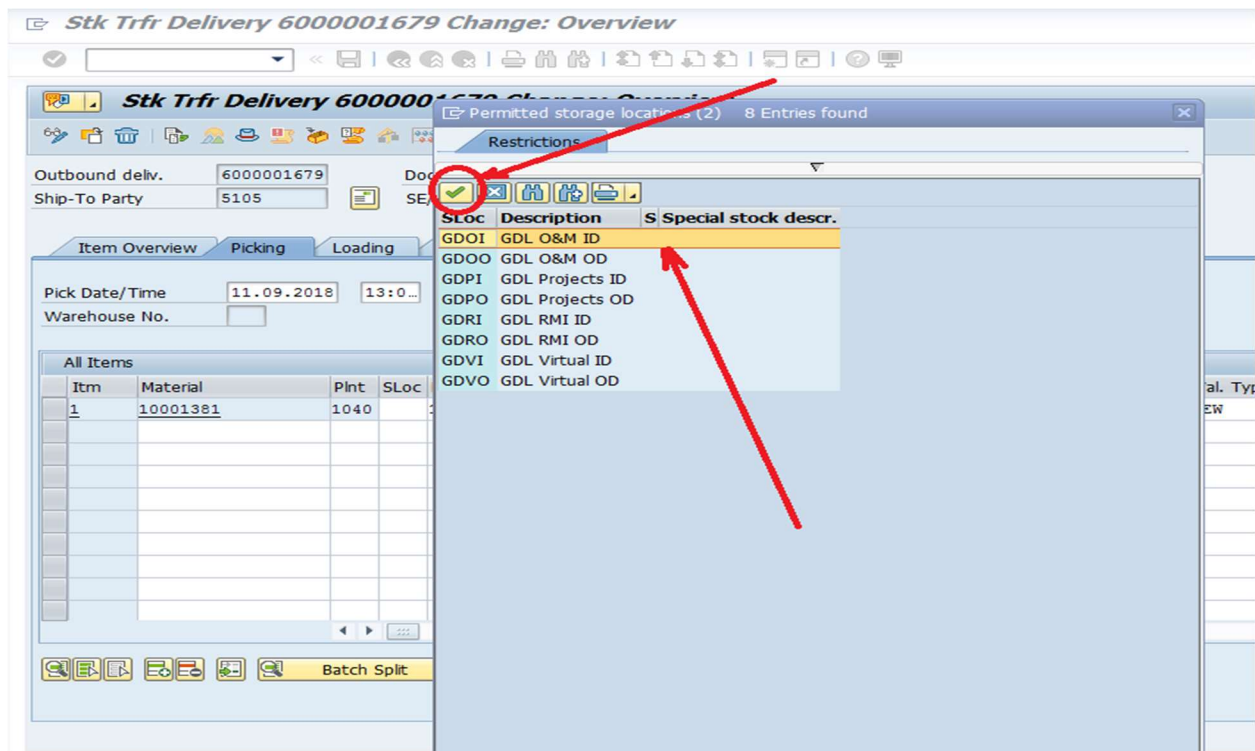
Item Overview Picking Loading Transport Status Overview Goods Movement Data

Pick Date/Time 11.09.2018 13:0... OvrllPickStatus Not Relvnt for Pick.
 Warehouse No. OverallWMStatus No WM trnsf ord reqd

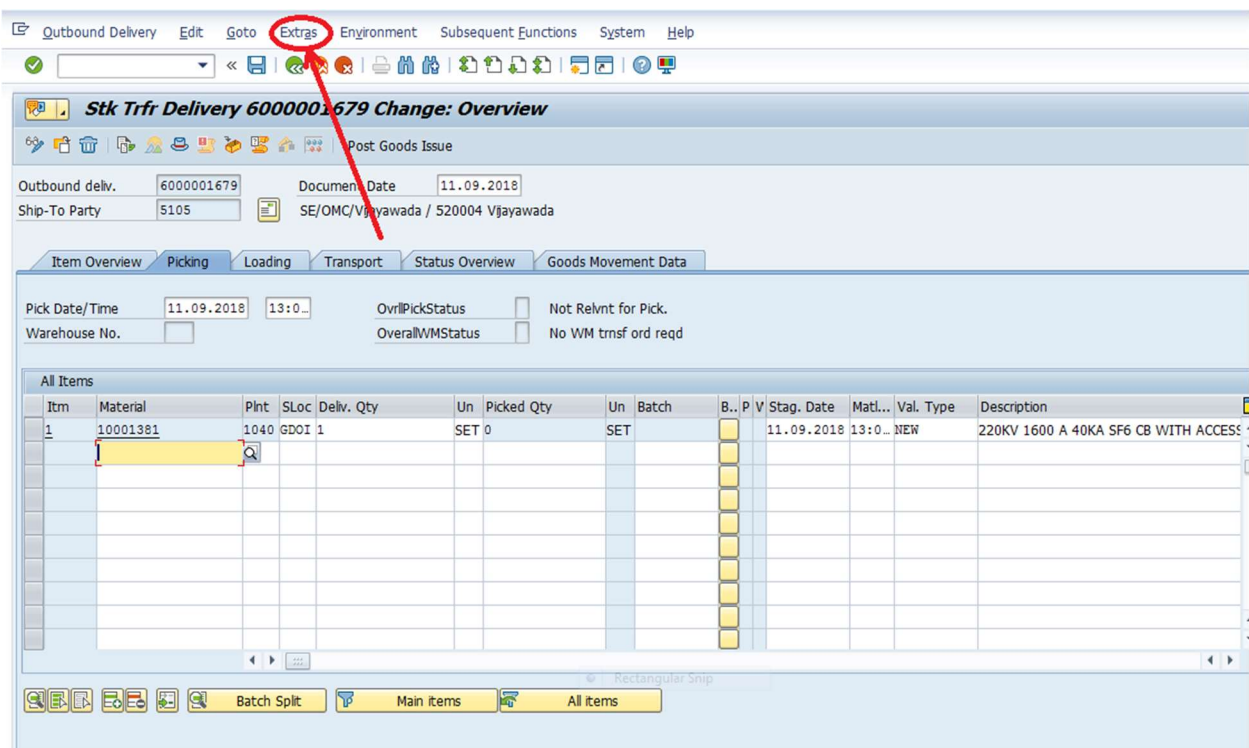
Item	Material	Pint	Sloc	Deliv. Qty	Un	Picked Qty	Un	Batch	B..	P	V	Stag. Date	MatL...	Val. Type	Description
1	10001381	1040		1	SET	0	SET					11.09.2018 13:0...		NEW	220KV 1600 A 40KA SF6 CB WITH ACCESS

Batch Split Main items All items

STEP-5: Select the storage location in the central stores wherein the material to be issued is stocked and click **enter** button as shown below.



STEP-6: Since 220 KV breaker which is the material item to be issued, is a serialized item, serial number of issued breaker should be indicated. Click **Extras** in menu bar and select **Serial Numbers**.

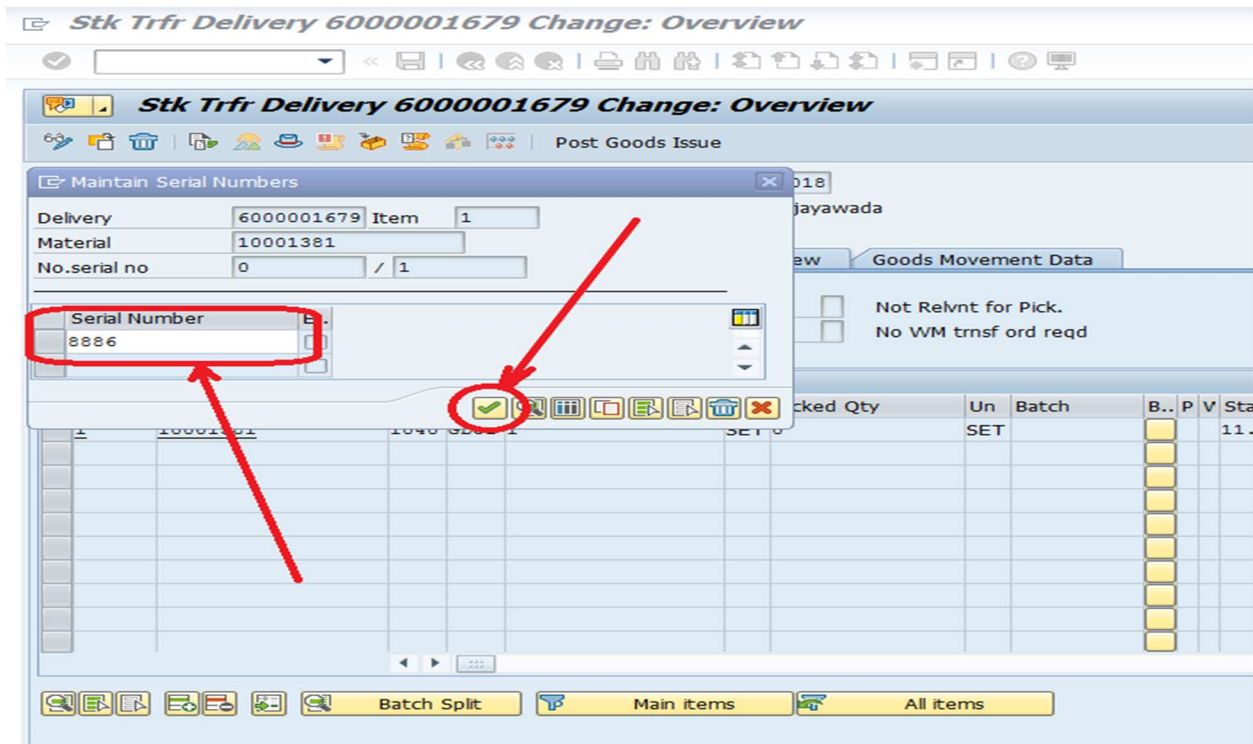


STEP-7: Click search button beside **Serial Number**.

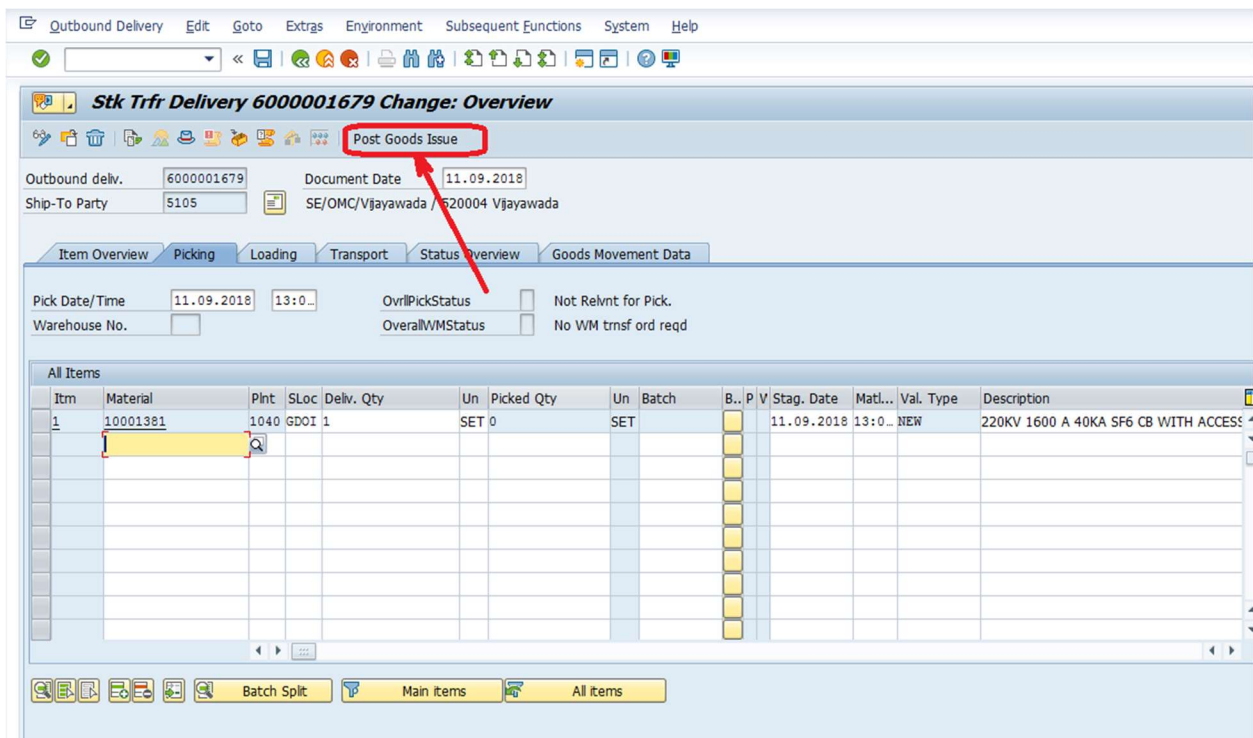
The screenshot shows the SAP 'Stk Trfr Delivery 6000001679 Change: Overview' window. A sub-window titled 'Maintain Serial Numbers' is open. In this sub-window, the 'Serial Number' field is circled in red, and a red arrow points to the search button (magnifying glass icon) located to its right. The main window displays a table with columns: 'Stk Qty', 'Un', 'Batch', 'B.. P', 'V', 'Stag. Date', 'Matl...', 'Val. Type', and 'Description'. The first row shows a quantity of 1, unit 'SET', batch '11.09.2018', and description '220KV 1600 A 40KA SF6 CB WITH ACCE'.

STEP-8: For display of serial numbers of 220KV Circuit Breakers available in stock in selected storage location of Plant no:1040 i.e Gunadala Central stores, enter **plant** and **sloc** in the search window, as shown below.

The screenshot shows the SAP 'Display Material Serial Number: Serial Number Selection' window. The 'Equipment selection' section is active, showing fields for 'Equipment', 'Object Description', 'Material', 'Serial Number', 'Period', 'Partner', and 'Selection Profile'. The 'Material' field contains the value '10001381' and is circled in red. A red arrow points to the search button (magnifying glass icon) next to it. The 'Period' field shows 'Frm 12.09.2018 to 12.09.2018'. The 'Classification' section shows 'Class Type' and 'Class' fields. The 'Linear Data' section shows fields for 'Segment', 'Start Point', 'End Point', 'Length', 'Unit of Measure', and 'Linear Reference Pattern'. The 'General data' section shows fields for 'Technical obj. type', 'Equipment category', and 'AuthorizGroup'.



STEP-11: Click **Post Goods Issue** as indicated below.



The screenshot shows the SAP Display Breakdown Maintenance Order 10000891: Central Header. The 'PM01' icon is highlighted with a red box. The 'PGI-Issue from store' row is also highlighted with a red box, and a red arrow points to the 'PGI-Issue from store' icon.

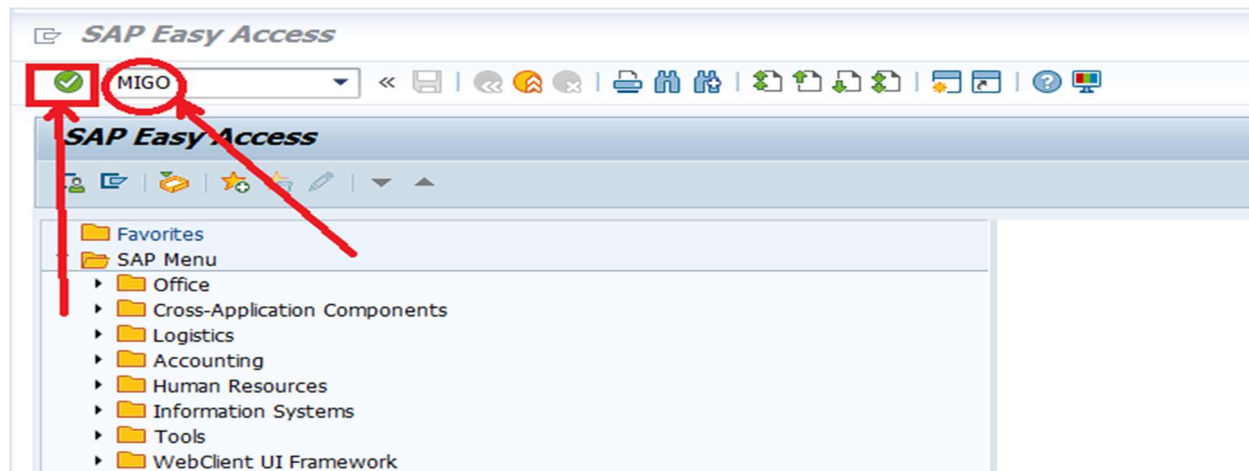
The material issued by stores would be in ***Transit Stock*** of concerned field plant and the same should be received into the storage location of the substation/sub division which has raised the material indent.

Material Document List

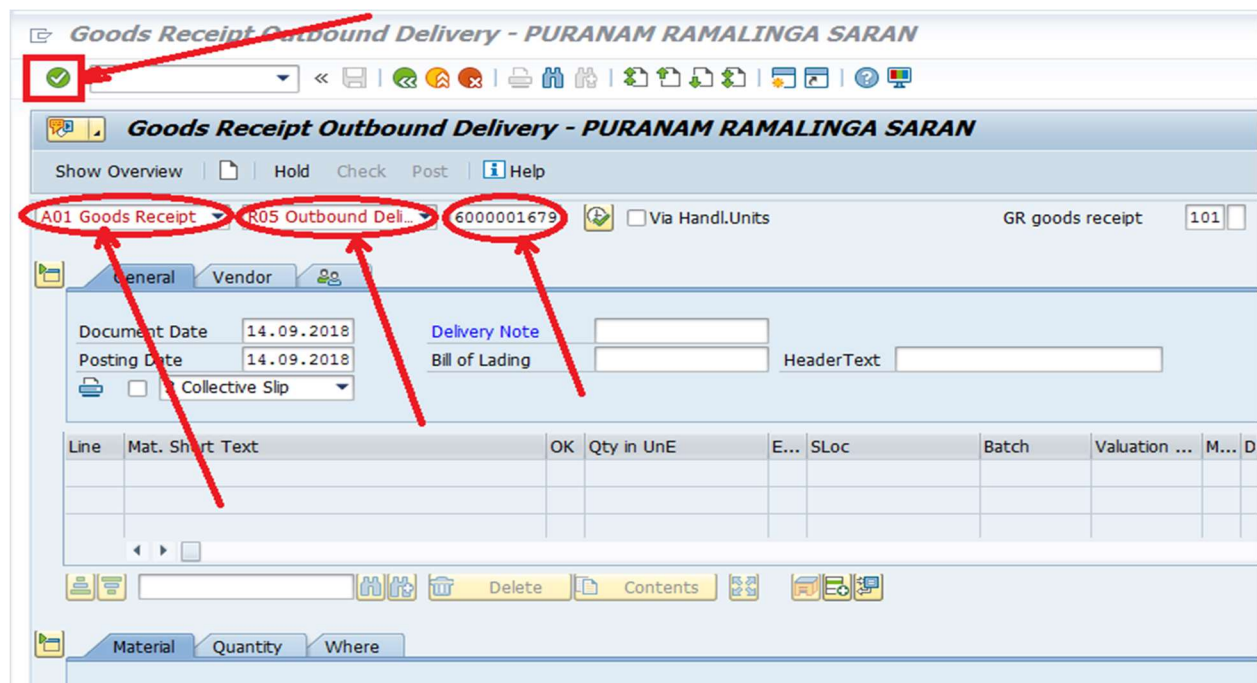
Material	Material Description	Σ Loc.curr.amount	Plant SLoc	MvT S	Material Doc.	Item Posting Date	Qty in unit of entry EUn	PO	Delivery
10001381	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	1,500,000.00	1040 GDOI	641	49000012170	1 12.09.2018	1- SET	6000001801	6000001679
10001381	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	1,500,000.00	5105	641	49000012170	2 12.09.2018	1 SET	6000001801	6000001679
		0.00							

Receipt of Material from Transit stock into local storage location, by Field O&M Wing:

STEP-14: Click T-Code **MIGO** in the command field.



STEP-15: Select **Goods Receipt** and **Outbound Delivery** in the first two fields and enter OBD number in the third field as shown below, and click **enter** button.



STEP-16: It may be noted that the details of material to be received are copied from OBD document as indicated below.

Now click **Item OK** check box at the bottom of the screen and click **enter** button, as shown below.

The screenshot shows the SAP 'Goods Receipt Outbound Delivery' screen for document 6000001679. At the bottom left, the 'Item OK' checkbox is highlighted with a red circle. A red arrow points from the 'Item OK' checkbox to the 'Check' button at the top of the screen. Another red arrow points from the 'Check' button to the 'Item OK' checkbox. The 'Check' button is also highlighted with a red circle.

STEP-17: Click the **Check** button at the top of the screen as indicated below.

The screenshot shows the same SAP 'Goods Receipt Outbound Delivery' screen. The 'Check' button at the top is now highlighted with a red circle. A red arrow points from the 'Check' button to the 'Item OK' checkbox. The 'Item OK' checkbox is still highlighted with a red circle. The 'Check' button is also highlighted with a red circle.

STEP-18: It may be noted that the status field at line level is highlighted with **green** color and in status bar a message **Document is O.K** is displayed, which indicates that the document has no errors and can be posted.

Click **Post** button as indicated below.

Goods Receipt Outbound Delivery 6000001679 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | **Post** | Help

Document Date: 14.09.2018 | Delivery Note: 6000001679 | Vendor: TLC Stores - Gunadala
 Posting Date: 14.09.2018 | Bill of Lading: | HeaderText: |
☐ 3 Collective Slip

Line	Status	Mat. Short Text	OK	Qty in UnE	E...	SLoc	Profit Center	Batch	Valuat
1	OK	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	<input checked="" type="checkbox"/>	1		SET 220KVChilakallu	1000		NEW

Material: 220KV 1600 A 40KA SF6 CB WITH ACCESSORIE | 10001381
 Vendor Material No.:
 Material Group: M021 | Valuation type: NEW
 EAN in Order Unit: | EAN Check: |

Item OK | Line: 1

Document is O.K.

STEP-19: It may be noted that goods receipt document is posted and material document number is displayed in the **status bar**. In the present example, **material document no: 5000011301** is posted.

Goods Receipt Outbound Delivery - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R05 Outbound Del... | ☐ Via Handl.Units | GR goods receipt | 101

General | Vendor |

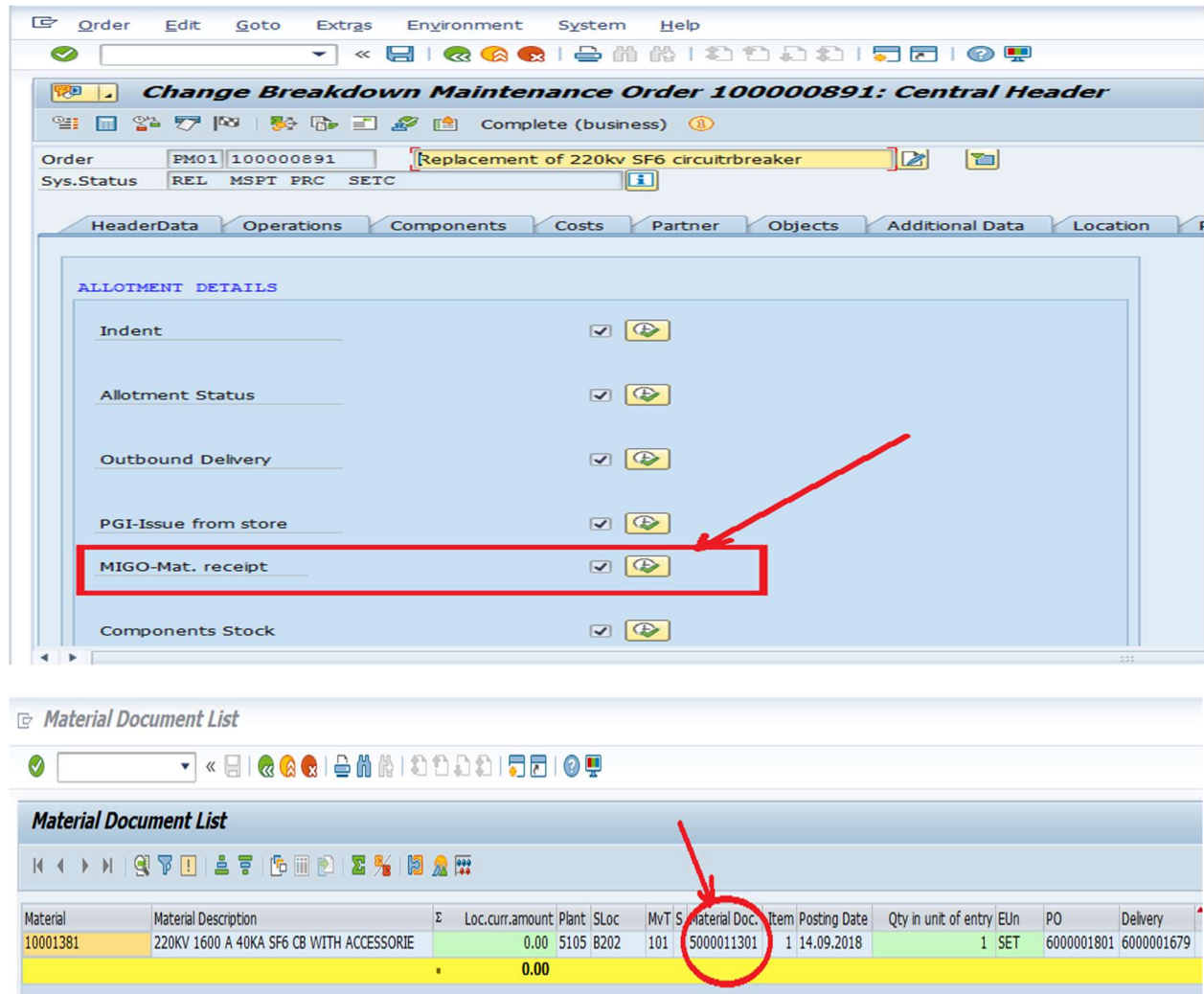
Document Date: 14.09.2018 | Delivery Note: |
 Posting Date: 14.09.2018 | Bill of Lading: | HeaderText: |
☐ 3 Collective Slip

Line	Mat. Short Text	OK	Qty in UnE	E...	SLoc	Batch	Valuation ...	M...

Material | Quantity | Where

Material document 5000011301 posted

STEP-20: The above document is also updated in the maintenance order, which can be viewed by clicking **execute** button against **MIGO-mat.receipt** check box in **Other Details/Enhancements** tab of the **maintenance order**, as shown in below two screen shots.



Change Breakdown Maintenance Order 100000891: Central Header

Order: PM01 100000891 Replacement of 220kv SF6 circuitrbreaker
 Sys.Status: REL MSPT PRC SEIC

HeaderData Operations Components Costs Partner Objects Additional Data Location

ALLOTMENT DETAILS

Indent	<input checked="" type="checkbox"/>	
Allotment Status	<input checked="" type="checkbox"/>	
Outbound Delivery	<input checked="" type="checkbox"/>	
PGI-Issue from store	<input checked="" type="checkbox"/>	
MIGO-Mat. receipt	<input checked="" type="checkbox"/>	
Components Stock	<input checked="" type="checkbox"/>	

Material Document List

Material	Material Description	Σ	Loc.curr.amount	Plant	SLoc	MvT	S	Material Doc.	Item	Posting Date	Qty in unit of entry	EUn	PO	Delivery
10001381	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE		0.00	5105	B202	101	S	5000011301	1	14.09.2018	1	SET	60000001801	60000001679
			0.00											

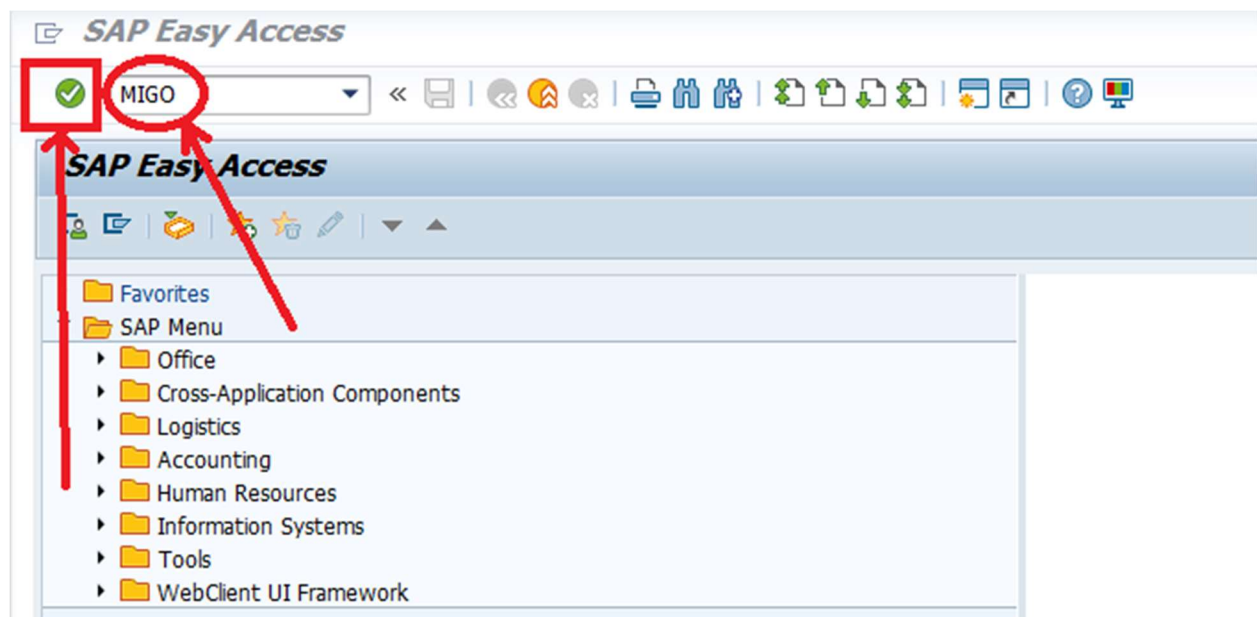
With this step, the material is now received in the **substation storage location**.

Issue of Material to the Maintenance Order:

After consuming the material in the O&M work, the O&M wing should book the cost of the material to the concerned maintenance order, by issuing material to ***maintenance order***. At the time of settlement of maintenance order by concerned accounts officials, the cost would in turn be booked to the respective ***cost center***.

The unconsumed materials should be devoluted to concerned stores, through ***devolution process*** in **SAP**, which is explained separately.

STEP-1: Enter t-code **MIGO** in command field and click enter button as shown below.



STEP-2: Select **Goods Issue** and **Order** in the first two fields through down arrow, and **maintenance order number** in the third field and click **enter** button as shown below.

Goods Issue Order - PURANAM RAMALINGA SARAN

✓

Show Overview | Hold | Check | Post | Help

A07 Goods Issue | R08 Order | 100000891 | RE for order 261

General

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | ☐ 3 Collective Slip

Line	Mat. Short Text	OK	Qty in UnE	E...	PInt	SLoc	Plant	Batch	Va

Material | Quantity | Where

STEP-3: The material indent line from **components** tab of maintenance order is updated into **MIGO** screen as shown below.

It may be noted that the total indented quantity in the maintenance order i.e **2 sets** is updated in MIGO, whereas the actual quantity drawn is only **1set**. Hence the quantity to be issued to works cannot exceed drawn quantity i.e

1set.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	Mat. Short Text	OK	Qty in UnE	E... Plnt	Order	Ac...	SLoc	Co...	Plant	Bu...	Batch
1	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE		2	SET SE/OMC/Vja	100000891	0010	220KVChillakallu	3000	5105	5105	

Material: 220KV 1600 A 40KA SF6 CB WITH ACCESSORIE | 10001381

Material Group: M021 | Valuation type: NEW

Equipment: |

Item OK | Line: 1

Click **Quantity tab** and change the quantity as **1set** and click enter button

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

A07 Goods Issue | R08 Order | RE for order: 261

General

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	Mat. Short Text	OK	Qty in UnE	E... Plnt	Order	Ac...	SLoc
1	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE		2	SET SE/OMC/Vja	100000891	0010	220KVChillakallu

Material | **Quantity** | Where | Reservation | Account Assignment | Serial Numbers

Qty in Unit of Entry: 1 | SET

Qty in SKU: 2 | SET

STEP-4: Click **Where** tab and ensure that **movement type** is **261** as indicated in below screen shot.

Display Material Document 4900012172 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 4900012172 | 2018

General | Doc. info | Scheme Code

Document Date: 14.09.2018 | Material Slip: |
 Posting Date: 14.09.2018 | Doc.Header Text: |
☐ 3 Collective Slip

Line	Mat. Short Text	Qty in UnE	E...	Plnt	Order	SLoc	Plant	Bu...	Batch	Valuation ...	M...	D
1	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	1	SET	SE/OMC/Vja	100000891	220KVChilakallu	5105	5105		NEW	261	-

Material | Quantity | **Where** | Reservation | Account Assignment | Serial Numbers

Movement type: 261 | - GI for order | Stock type: Unrestricted use

Plant: SE/OMC/Vjayawada | 5105
 Storage Location: 220KVChilakallu | B202
 Unloading Point: |

STEP-5: Click **Serial Numbers** tab as indicated below to enter serial number of material item which is issued to works. It may be noted that serial number needs to be entered only for serialized material items.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

Document Date: 14.09.2018 | Material Slip: |
 Posting Date: 14.09.2018 | Doc.Header Text: |
☐ 3 Collective Slip

Line	St...	Mat. Short Text	OK	Qty in UnE	E...	Plnt	Order	Ac...	SLoc	Co...	Plant	Bu...	Ba
1	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	✓	1	SET	SE/OMC/Vja	100000891	0010	220KVChilakallu	3000	5105	5105		

Material | Quantity | Where | Reservation | Account Assignment | **Serial Numbers**

Qty in Unit of Entry: 1 | SET
 Qty in SKU: 1 | SET
 No. Containers: |

✓ Item OK | Line: 1

STEP-6 Click the **binocular symbol** as shown below.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	St...	Mat. Short Text	OK	Qty in UnE	E... Plnt	Order	Ac...	SLoc
1		220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	<input checked="" type="checkbox"/>	1	SET SE/OMC/Vja...	100000891	0010	220KVCH

Serial Number

Line 1

STEP-7: Click **execute** button as shown below

Display Material Serial Number: Serial Number Selection

Equipment selection

Equipment | to | |
Object Description | to | |
Material | 10001381 | to | |
Serial Number | | to | |
Period | Frm 14.09.2018 | to | 14.09.2018 |
Partner | |
Selection Profile | | Address X

Classification

Class Type | | Include Subordinate Classes
Class | | Valuation X

Linear Data

Segment | to | |
Start Point | to | |
End Point | to | |
Length | to | |
Unit of Measure | |
Linear Reference Pattern | to | |

General data

Technical obj. type | to | |
Equipment category | to | |
AuthorizGroup | to | |

STEP-8: If qty of selected serialized material item is more than one, system would display serial numbers of the total qty of selected material item present in selected storage location (i.e Chillakallu SS in 5105 plant in the present case). In the present case, since there is only one set of 220 KV Breaker present in above storage location, no list would be displayed but serial number of available one set would be updated as shown below.

Check the **Item O.K** check box at the bottom of the screen and click **Check** button at the top of the screen as shown below.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | **Check** | Post | Help

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	St...	Mat. Short Text	OK	Qty in UnE	E...	Plnt	Order	Ac...	SL
1	⊗	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	<input checked="" type="checkbox"/>	1		SET SE/OMC/Vja..	100000891	0010	22

Material | Quantity | Where | Reservation | Account Assignment | **Serial Numbers**

Serial Number: 8886

☒ Item OK | Line: 1

STEP-9: It may be noted that **status** field at line level is now turned into green color. Further in the status bar, status is indicated as **Document is O.K.** Hence the document can now be posted.

Click **Post** button as shown in second screen shot below.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	Status	Mat. Short Text	OK	Qty in UnE	E...	Plnt	Order
1	OK	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	<input checked="" type="checkbox"/>	1	SET SE/OMC/Vjga...		100000891

Serial Number: 8886

Line: 1

Document is O.K.

Goods Issue Order 100000891 - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

Document Date: 14.09.2018 | Posting Date: 14.09.2018 | Material Slip: | Doc.Header Text: | 3 Collective Slip

Line	Status	Mat. Short Text	OK	Qty in UnE	E...	Plnt	Order
1	OK	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE	<input checked="" type="checkbox"/>	1	SET SE/OMC/Vjga...		100000891

Serial Number: 8886

Line: 1

Document is O.K.

STEP-10: It may be noted that in status bar it is displayed by system that **material document no: 4900012172** is posted. Hence the material drawn from stores is now issued to the maintenance order i.e **order no: 100000891**.

Goods Issue Order - PURANAM RAMALINGA SARAN

Show Overview | Hold | Check | Post | Help

A07 Goods Issue | R08 Order

General

Document Date: 14.09.2018 | Material Slip: |
 Posting Date: 14.09.2018 | Doc.Header Text: |
☐ 3 Collective Slip

Line	Mat. Short Text	OK	Qty in UnE	E...	Plnt	SLoc

Material | Quantity | Where

Material document 4900012172 posted

STEP-11: The above document is updated in the maintenance order and the same can be viewed by clicking **Document flow** button in the maintenance order as shown below.

Display Breakdown Maintenance Order 100000891: Central Header

Order: PMO 100000891 | Replacement of 220kv SF6 circuitbreaker
 Sys.Status: REL GMPS MSPT PRC SETC

HeaderData | Operations | Components | Costs | Partner | Objects | Additional Data | Location

Person responsible
 PlannerGrp: M05 / S105 | MNT1 2CHILLAKALLU
 Mn.wk.ctr: MNT / S105 | MAINTENANCE
 Person resp.: |

Dates
 Bsc start: 07.09.2018 | Priority: 2 High
 Basic fin.: 07.09.2018 | Revision: |

Reference object
 Func. Loc.: FB-220KV-CHKL-VTP... | FB-220KV-CHILLAKALLU-VTPS-01
 Equipment: |

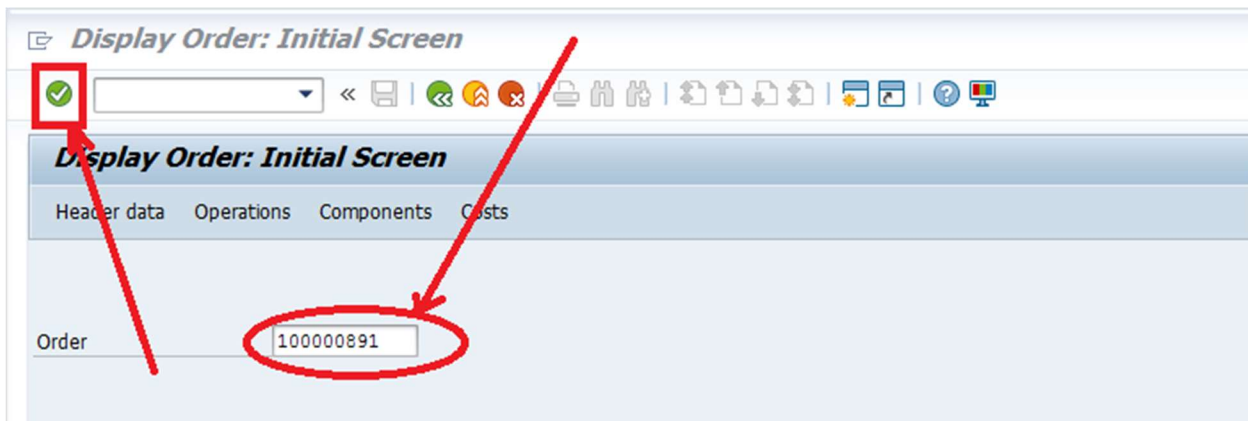
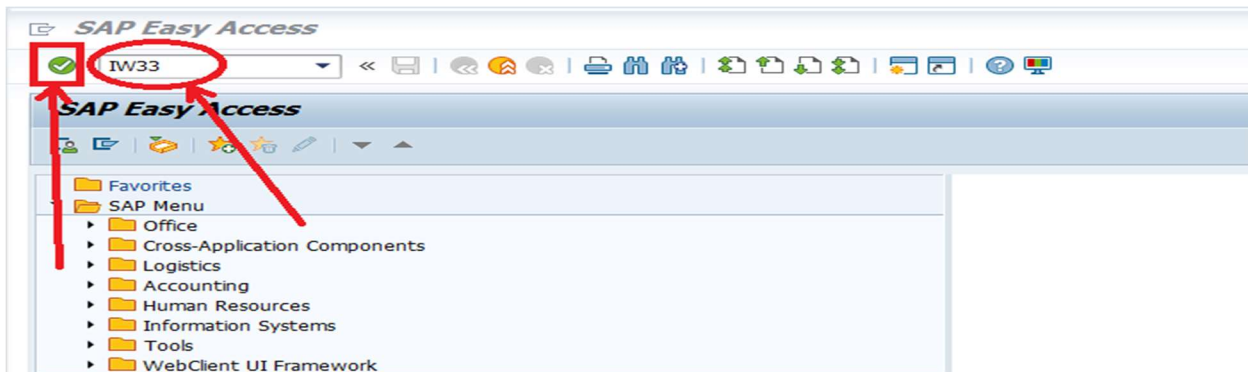
Malfnctn data | Damage | Notif. dates
 Malf.start: 20.08.2018 | 11:14:06 | Breakdown: ☐

Display Document Flow

	On	Status	DcTyp	Descrptn	Ctrl key	Mat./Batch	Quantity	Unit	Sto...
MaintNotif 10000001041	07.09.2018	Notification in process	M2	Replacement of 220kv SF6 circuitbreaker					
Breakdown Maintenance Ord 100000891	07.09.2018	Released	PM01	Replacement of 220kv SF6 circuitbreaker					
Operation 0010		Released		Replacement of 220kv SF6 circuitbreaker	PM01			0 H	
GI for order 4900012172 1	14.09.2018	Complete	WA	220KV 1600 A 40KA SF6 CB WITH ACCESSORIE		000000000010001381/ NEW	1 SET	B202	

STEP-12: Now it may be noted that, the material drawn from stores is booked to the maintenance order in which material has been indented. Thus the stock of the material in virtual storage location is cleared i.e it becomes zero. The cost of the material would be reflected in the **costs** tab of maintenance order which indicates the **material cost** component of total cost of the work carried out against maintenance order.

Enter T-code **IW33** in command field and click enter button. Again click **enter** button, as shown below in second screen shot.



It may be noted that in **Actual costs** field, the cost of material issued to maintenance order in **STEP-9** above is indicated as shown below.

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