User manual
Inter Plant Stock Transfer from Port to Bandhidh

Prepared by:
Prachee Sharma

12/04/2020

Table of Contents

Scenario

1   Inter plant stock transfer from Port to Bandhidh

1.1   Stock Transfer Order creation

a) Definition and Prerequisites

Once the GRN is done, stock transfer order will be created from port to bandhidh.

b) Menu Path and Transaction code

SAP S/4 HANA menu	SAP Menu->Logistics->Materials Management->Purchasing->Purchase Order->Create->Vendor/Supplying Plant Known
Transaction Code	ME21N

c) Responsibility

Inbound Logistics team

d) Screen capture/ Process

Step 1: Select document type as ZSTO – STO Port-Bandh RAIL

Step 2: Enter purchasing org, purchasing grp, company code and supplying plant.

Step 3: Enter material, quantity, plant, batch and storage location

** Note: Storage location to be taken as plant storage location and not Bandhidh as the same will get populated in Auto-STO from Bandhidh to the given storage location

Enter department code in reqmt no, and requisitioner name

Sensitivity: Confidential (C2)

Step 4: Enter valuation type in delivery tab.

*Note: In case of split valuation, batch and valuation type is same.

Step 5: Enter the pricing conditions under condition tab

Select the condition to map the vendor against the basic customs duty and click on search button

Map the vendor for the same, press enter and click on back button

To add a condition type, click at the last blank space

Click the condition type required and press enter
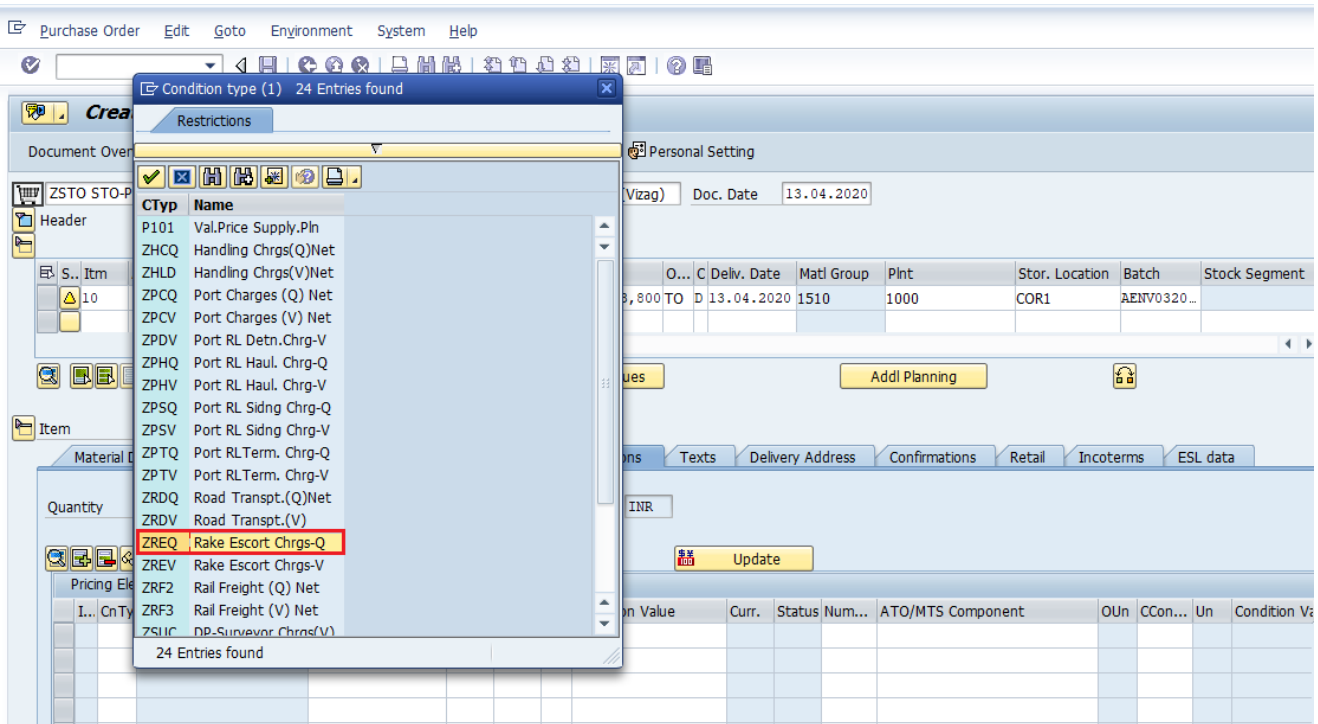
To delete a condition, select it and press delete row
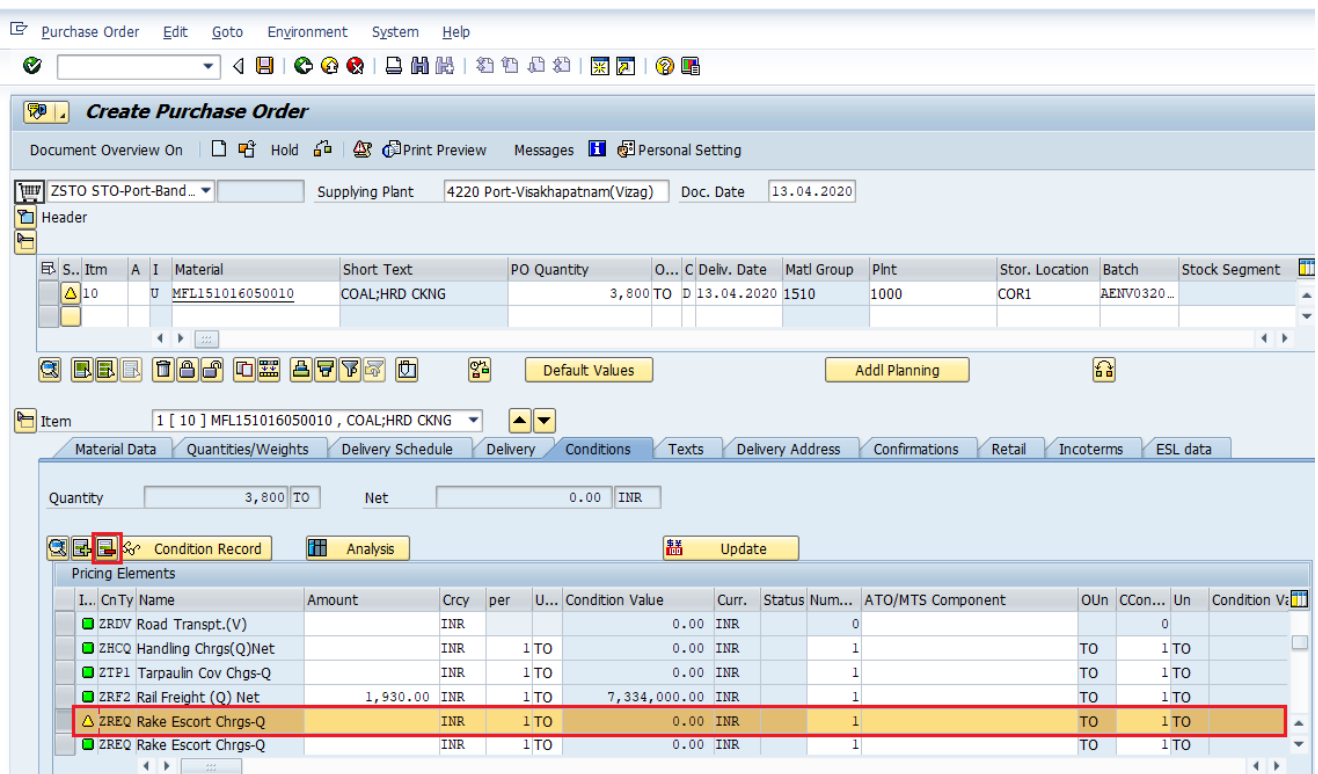
*Note – Shifting charges from BDIH to plant not to be included

Step 6: Enter header text

Step 7: Click on save button

Purchase Order   Edit   Goto   Environment   System   Help

Create Purchase Order

Document Overview On   Hold   Print Preview   Messages   Personal Setting

ZSTO STO-Port-Band...   Supplying Plant   4220 Port-Visakhapatnam(Vizag)   Doc. Date   13.04.2020

Header

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segmer
⚠	10		U	MFL151016050010	COAL;HRD CKNG	3,800	TO	D	13.04.2020	1510	1000	COR1	AENV0320...	

Save Document

System messages issued

Do you want to save document or process data?

Save	Edit	✖ Cancel

Addl Planning

Item   1 [10]

Material Data   Qu...   elivery Address   Confirmations   Retail   Incoterms   ESL data

Quantity   3,800 TO   Net   0.00 INR

Condition Record   Analysis   Update

Pricing Elements

I..	CnTy	Name	Amount	Crcy	per	U...	Condition Value	Curr.	Status	Num...	ATO/MTS Component	OUn	CCon...	Un	Condition
	ZRDV	Road Transpt.(V)		INR			0.00	INR		0			0		
	ZHCQ	Handling Chrgs(Q)Net		INR	1	TO	0.00	INR		1		TO	1	TO	
	ZTP1	Tarpaulin Cov Chgs-Q		INR	1	TO	0.00	INR		1		TO	1	TO	
	ZRF2	Rail Freight (Q) Net	1,930.00	INR	1	TO	7,334,000.00	INR		1		TO	1	TO	
	ZREQ	Rake Escort Chrgs-Q	1.81	INR	1	TO	6,878.00	INR		1		TO	1	TO	
	ZPHQ	Port RL Haul. Chrg-Q		INR	1	TO	0.00	INR		1		TO	1	TO	

Stock transfer order created

Purchase Order   Edit   Goto   Environment   System   Help

Create Purchase Order

Document Overview On   Hold   Print Preview   Messages   Personal Setting

NB Standard PO   Vendor   Doc. Date   13.04.2020

Header

	S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt

Default Values   Addl Planning

Item   1 New Item

✅ STO-Port-Bandh-RAIL created under the number 4400000034   SAP

1.2   Stock transfer order Release

a) Definition and Prerequisites

STO will be released as per DOA
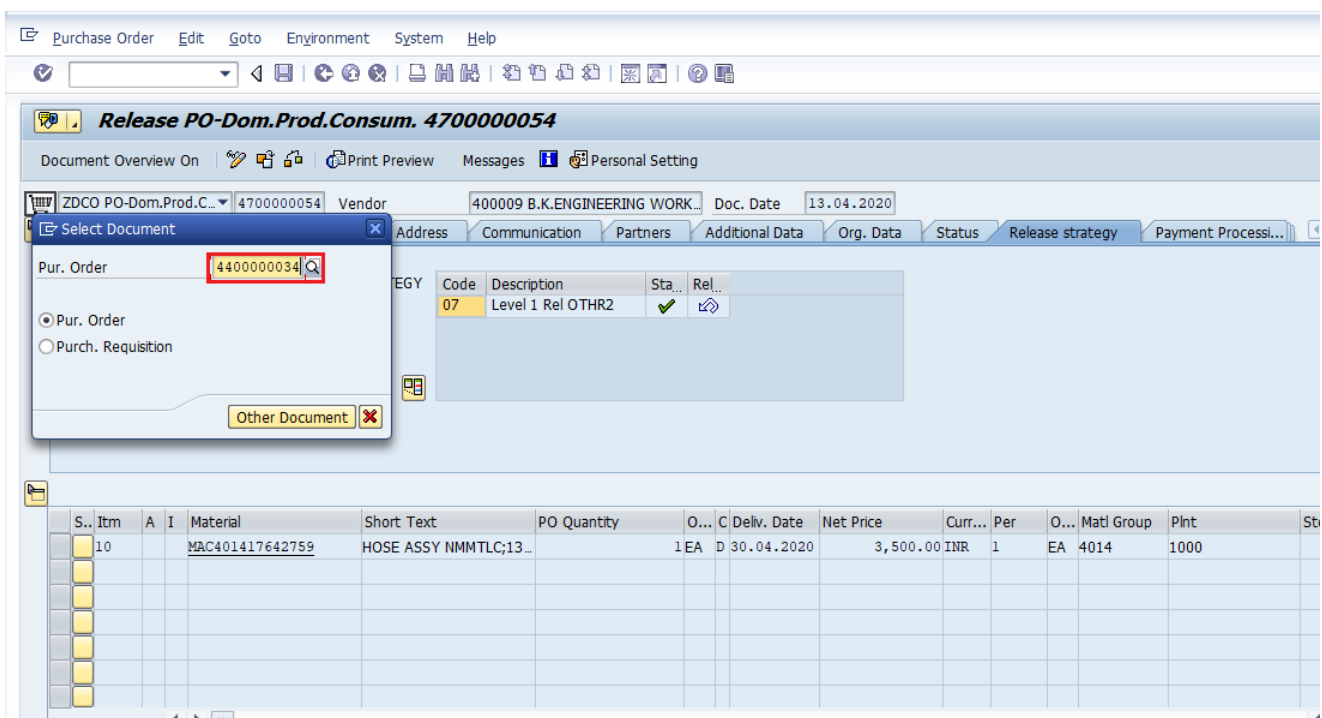
b) Menu Path and Transaction code

SAP S/4 HANA menu	SAP Menu->Logistics → Materials Management → Purchasing → Purchase Order → Release → Individual Release
Transaction code	ME29N

c) Responsibility

DOA Approvers

d) Screen capture/ Process

Step 1: Click on other document and enter the stock transfer order to be released.

Step 2: Click on the release sign

Purchase Order   Edit   Goto   Environment   System   Help

Release STO-Port-Bandh-RAIL 4400000034

Document Overview On   Print Preview   Messages   Personal Setting

ZSTO STO-Port-Band... 4400000034   Supplying Plant   4220 Port-Visakhapatnam(Vizag)   Doc. Date   13.04.2020

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Release strategy | Payment Processi...

Release group   RG ESL PO REL. STRATEGY
Release Strategy   S8 IMP Coking Coal STO

Release indicator   B Blocked, changeable wit...

Code	Description	Sta	Rel
16	Initial Rele IMP CC	⚠	

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
	10		U	MFL151016050010	COAL;HRD CKNG	3,800	TO	D	13.04.2020	1510	1000	COR1	AENV032...	

Purchase Order   Edit   Goto   Environment   System   Help

Release STO-Port-Bandh-RAIL 4400000034

Document Overview On   Print Preview   Messages   Personal Setting

ZSTO STO-Port-Band... 4400000034   Supplying Plant   4220 Port-Visakhapatnam(Vizag)   Doc. Date   13.04.2020

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Release strategy | Payment Proce...

Release group   RG ESL PO REL. STRATEGY
Release Strategy   S8 IMP Coking Coal STO

Release indicator   G Released

Code	Description	Sta	Rel...
16	Initial Rele IMP CC	✔	

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Stoc
	10		U	MFL151016050010	COAL;HRD CKNG	3,800	TO	D	13.04.2020	1510	1000	COR1	AENV032...	

Default Values   Addl Planning

Item Detail

Release effected with release code 16   SAP

Step 3: Click on save button

1.3 Goods Issue against STO

a) Definition and Prerequisites

Once the STO is released, Goods issue will be done against STO.
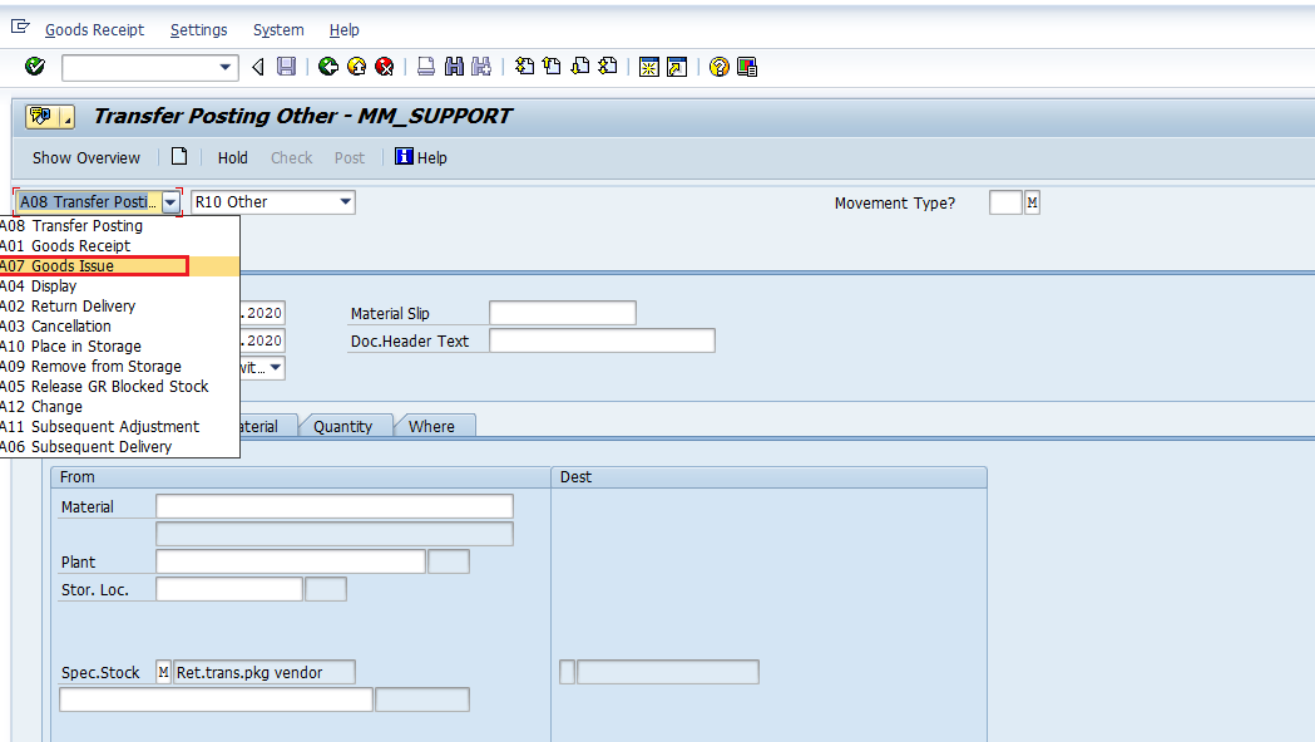
b) Menu Path and Transaction code

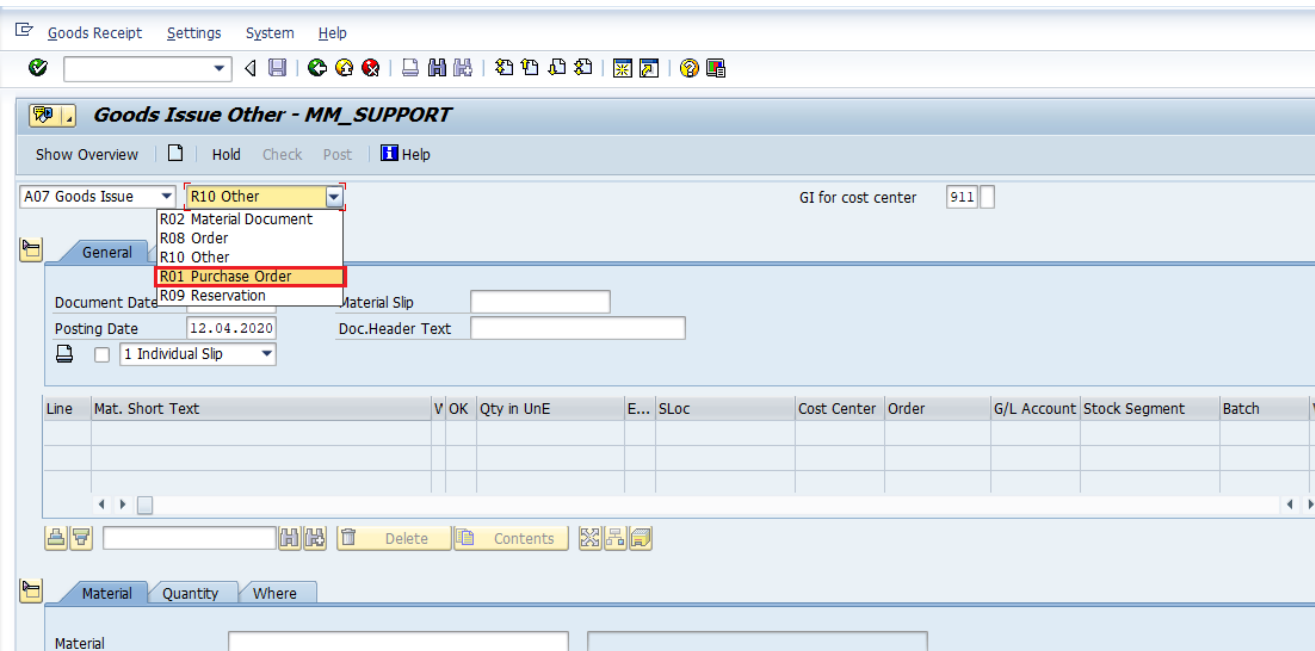| SAP S/4 HANA menu	SAP Menu->Logistics > MM > Inventory Management > Goods Movement > MIGO
Transaction Code	MIGO

c) Responsibility

Inbound Logistics team

d) Screen capture/ Process

Step 1: Select Goods Issue

Step 2: Select purchase order

Step 3: Enter the stock transfer order. Press enter

Step 4: Check the quantity

Step 5: Enter the supplying plant storage location

Step 6: Enter Batch

* Batch will be auto-populate in valuation type after pressing enter

Step 7: Check item as OK

Step 8: Enter material slip and doc header text if required

Step 9: Click on check to see if the document is OK

Step 10: Click on post button

Material document posted

1.4   Goods Receipt at Bandhidh and auto STO creation from Bandhidh to plant

a) Definition and Prerequisites

Once the goods are issued from supplying plant, good receipt at issuing plant (BDIH) is done

b) Menu Path and Transaction code
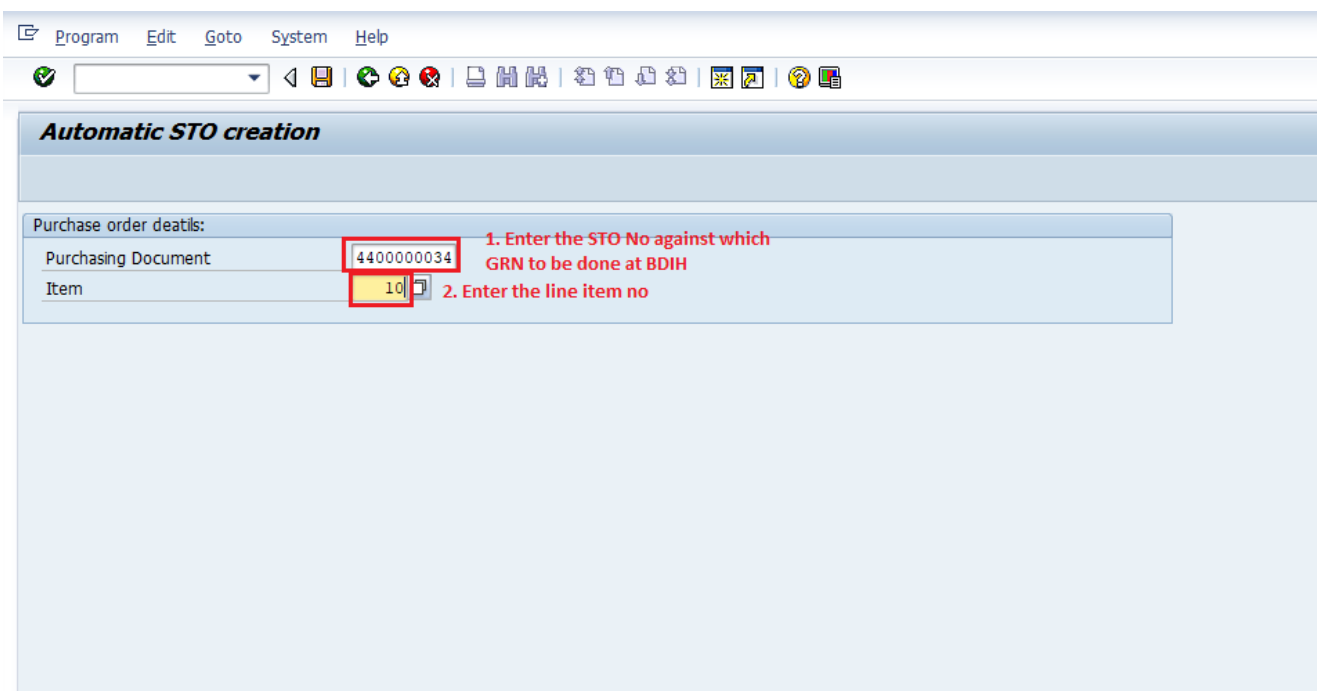
SAP S/4 HANA menu	N/A
Transaction Code	ZAUTO_STO

c) Responsibility

Raw Material – GRN team

d) Screen capture/ Process

Step 1: Enter the STO no in purchasing document field and line item no. Press Enter

Step 2: Click on create tab

Step 3: Enter the RR date, rake number (the one created in electroway), loading siding (Compulsory fields)

Enter the RR number, RR rate. RR Chrg qty, no of wagons etc (if information available)

Step 4: Enter the Actual Challan Qty i.e RR Actual Qty

Step 5: Click on create GR at Bandhidh & STO (Bandhidh-Plant)

System   Help

Create GRN STO

Rake information

Transaction ID		RR rate		Loading Siding	VGCB
PO number	4400000034	RR Chrg. Qty.	TO	Actual Chall. Qty.	3800 TO
PO item	10	RR Quantity	TO	Prov. Chall. Qty.	TO
RR number		Rake Number	HF-14		
RR date	09.04.2020	No. of Wagons			

Execution date   13.04.2020

Execution Time   17:32:12

Create GR at Badhidi & STO (Bandhidi-Plant)

Material document posted

System   Help

Log display

Icon	ID	Message	
⊙⊙▣		Mat Doc 5000001012 for year 2020 created.	**1. GRN Material doc no**
⊙⊙▣		STO number 4400000035 created.	**2. STO from BDIH to plant**
⊙⊙▣		Transaction number 1000000016 created.	**3. Transaction no**

Note: When actual challan Qty is not known (Step 1, 2, 3 remain same)

Step 4: Enter the Provisional Challan Qty (must be taken on lower side than Actual Qty)

Step 5: Click on create GR at Bandhidh & STO (Bandhidh-Plant)

Material Document posted

![Vedanta logo]

Log display

Icon	ID	Message	
⊙⊙■		Mat Doc 5000001013 for year 2020 created.	**1. GRN Material doc no**
⊙⊙■		STO number 4400000037 created.	**2. STO from BDIH to plant**
⊙⊙■		Transaction number 1000000017 created.	**3. Transaction no**

Step 6: Once the actual qty is known, click on transaction zsto_auto. Enter the STO no and line item no. Press Enter

Automatic STO creation

Purchase order deatils:

Purchasing Document	4400000036
Item	10
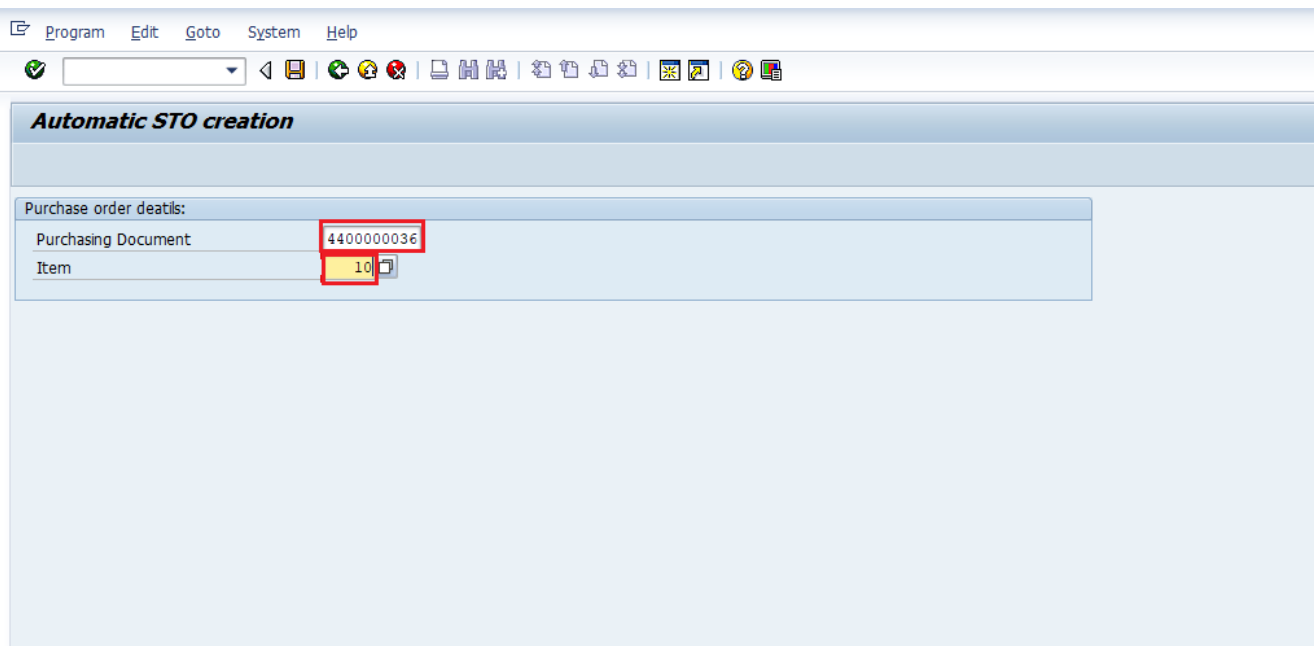
Step 7: Enter the transaction no and click on update

Program Edit Goto System Help

Automatic STO creation

Purchase order deatils:

Purchasing Document   4400000036
Item   10

Update or create

Transaction number   1000000017

| CREATE | DISPLAY | UPDATE |

Step 8: Enter the actual challan qty

System Help

Update details

Rake information

Transaction ID	1000000017	RR rate		Loading Siding	
PO number	4400000036	RR Chrg. Qty.		Actual Chall. Qty.	3900
PO item	10	RR Quantity		Prov. Chall. Qty.	3,000.000
RR number		Rake Number	HF-15		
RR date	10.04.2020	No. of Wagons			

Provisional GR details: 5000001013 2020   Create GR at Badhidi & STO (Bandhidi-Plant)

Step 9: Click on create GR at Bandhidh & STO (Bandhidh-Plant)

Material document posted

Log display table:

Icon	ID	Message	
⬤⬤🟩		Mat Doc 5000001014 for year 2020 created.	1. GRN for addition 900 qty material doc no
⬤⬤🟩		STO number 4400000037 updated.	2. STO no updated with second line item of 900 qty
⬤⬤🟩		Transaction 1000000017 updated.	3. Transaction no updated

** Note: The actual qty can be updated only once