

User manual

Inter Plant Stock Transfer from Port to Bandhidh

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12/04/2020

Table of Contents

Scenario	3
1 Inter plant stock transfer from Port to Bandhidh	3
1.1 Stock Transfer Order creation	3
a) Definition and Prerequisites	Error! Bookmark not defined.
b) Menu Path and Transaction code	Error! Bookmark not defined.
c) Responsibility	Error! Bookmark not defined.
d) Screen capture/ Process	Error! Bookmark not defined.
1.2 Stock transfer order Release	Error! Bookmark not defined.
a) Definition and Prerequisites	Error! Bookmark not defined.
b) Menu Path and Transaction code	Error! Bookmark not defined.
c) Responsibility	Error! Bookmark not defined.
d) Screen capture/ Process	Error! Bookmark not defined.
1.3 Goods Issue against STO	Error! Bookmark not defined.
a) Definition and Prerequisites	Error! Bookmark not defined.
b) Menu Path and Transaction code	Error! Bookmark not defined.
c) Responsibility	Error! Bookmark not defined.
d) Screen capture/ Process	Error! Bookmark not defined.
1.4 Goods Receipt at Bandhidh and auto STO creation from Bandhidh to plant	Error! Bookmark not defined.
a) Definition and Prerequisites	Error! Bookmark not defined.
b) Menu Path and Transaction code	Error! Bookmark not defined.
c) Responsibility	Error! Bookmark not defined.
d) Screen capture/ Process	Error! Bookmark not defined.

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

The screenshot shows the SAP S/4 HANA 'Create Purchase Order' interface. The 'Document Type' dropdown menu is open, displaying a list of document types. The option 'ZSTO STO-Port-Bandh-RAIL' is highlighted with a red box. The main form fields include 'Vendor', 'Doc. Date' (12.04.2020), 'Currency', 'Exchange Rate', and 'GR Message'. The table below the form is empty.

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

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

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** Doc. Date 12.04.2020

Delivery/Invoice Texts Address Communication Partners Additional Data Org. Data Status Payment Processing ESL data

Purch. Org. 1000
 Purch. Group IRM
 Company Code 1000

Ep	S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Sto

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

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

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

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

Enter department code in reqmt no, and requisitioner name

Purchase Order Edit Goto Environment System Help

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	C	Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment	Reqmnt Segment	Reqmt No.	Requisitioner	IM Material
10			D	13.04.2020	1510	1000	COR1	AENV0320...			RM01	Prachee	

Step 4: Enter valuation type in delivery tab.

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

Purchase Order Edit Goto Environment System Help

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
10			U	MFL151016050010	COAL;HRD CKNG	3,800	TO	D	13.04.2020	1510	1000	COR1	AENV0320...	

Item 1 [10] MFL151016050010 , COAL;HRD CKNG

Material Data Quantities/Weights Delivery Schedule Delivery Conditions Texts Delivery Address Confirmations Retail Incoterms ESL data

Overdeliv. Tol. % Unlimited 1st Rem./Exped.

Underdel. Tol. % 2nd Rem./Exped.

Shipping Instr. 3rd Rem./Exped.

Stock Type Unrestricted use No. Exped. 0 Deliv. Compl.

Valuation Type AENV032000 GI-based GR Pl. Deliv. Time Final Delivery

Rem. Shelf Life D GR Proc. Time Latest GR Date Part.Del./Item

QA Control Key

Step 5: Enter the pricing conditions under condition tab

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 Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segme
10				MFL151016050010	COAL;HRD CKNG	3,800	TO	13.04.2020	1510	1000	COR1	AENV0320...	

Item 1 [10] MFL151016050010 , COAL;HRD CKNG

Material Data Quantities/Weights Delivery Schedule Delivery Conditions Texts Delivery 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	Conditio
2HCQ		Handling Chrgs(Q)Net		INR		1 TO	0.00	INR		1		TO		1 TO	
2TP1		Tarpaulin Cov Chgs-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2RF2		Rail Freight (Q) Net	1,930.00	INR		1 TO	7,334,000.00	INR		1		TO		1 TO	
2REQ		Rake Escort Chrgs-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2PHQ		Port RL Haul. Chrg-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2PTQ		Port RLTerm. Chrg-Q		INR		1 TO	0.00	INR		1		TO		1 TO	

Select the condition to map the vendor against the basic customs duty and click on search 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 Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
10				MFL151016050010	COAL;HRD CKNG	3,800	TO	13.04.2020	1510	1000	COR1	AENV0320...	

Item 1 [10] MFL151016050010 , COAL;HRD CKNG

Material Data Quantities/Weights Delivery Schedule Delivery Conditions Texts Delivery 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 V
2HCQ		Handling Chrgs(Q)Net		INR		1 TO	0.00	INR		1		TO		1 TO	
2TP1		Tarpaulin Cov Chgs-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2RF2		Rail Freight (Q) Net	1,930.00	INR		1 TO	7,334,000.00	INR		1		TO		1 TO	
2REQ		Rake Escort Chrgs-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2PHQ		Port RL Haul. Chrg-Q		INR		1 TO	0.00	INR		1		TO		1 TO	
2PTQ		Port RLTerm. Chrg-Q		INR		1 TO	0.00	INR		1		TO		1 TO	

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

Goto System Help

Item - Conditions - Detail

Item: 10 Application: M
 Condition type: ZRF2 Rail Freight (Q) Net CondPricingDate: 12.04.2020

Condition Values

Amount: 1,930.00 INR / 1 TO
 Cond.Base Value: 3,800.000 TO
 Condition Value: 7,334,000.00 INR

Control

Condition Class: A Discount or surcharge
 Calculat.Type: C Quantity Statistical
 Condit.Category: B Delivery costs Accruals
 Cond.Control: C Changed manually Changed Manual.
 Condit.Origin: A Automatic pricing

Account Determination

Account Key: ERL
 Accruals: LRL
 Vendor: 300011

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

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-Veakhatnam(Vizag) Doc. Date: 13.04.2020

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C.Deliv. Date	Mati Group	Plnt	Stor. Location	Batch	Stock Segment
10				MFL151016050010	COAL:HRD CKNG	3,800	TO	13.04.2020	1510	1000	COR1	AENV0320...	

Item: 1 [10] MFL151016050010, COAL:HRD CKNG

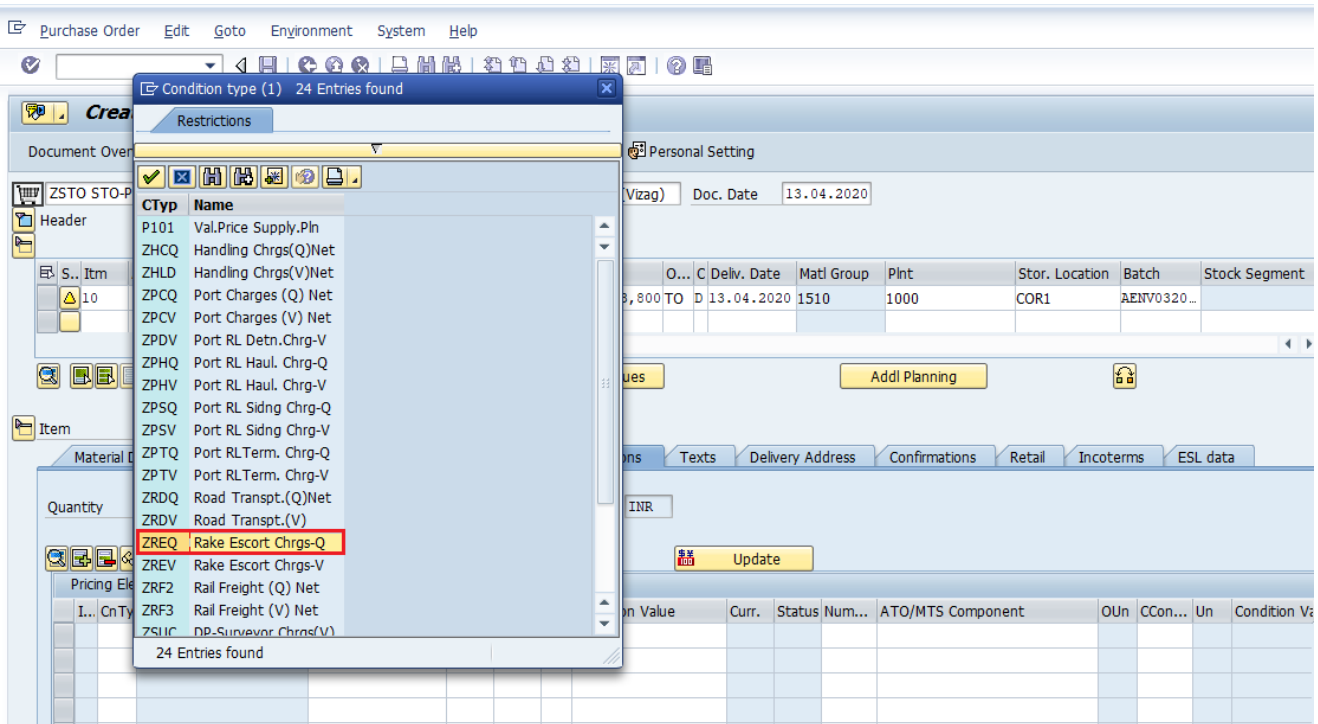
Material Data | Quantities/Weights | Delivery Schedule | Delivery | **Conditions** | Texts | Delivery Address | Confirmations | Retail | Incoterms | ESL data

Quantity: 3,800 TO Net: 0.00 INR

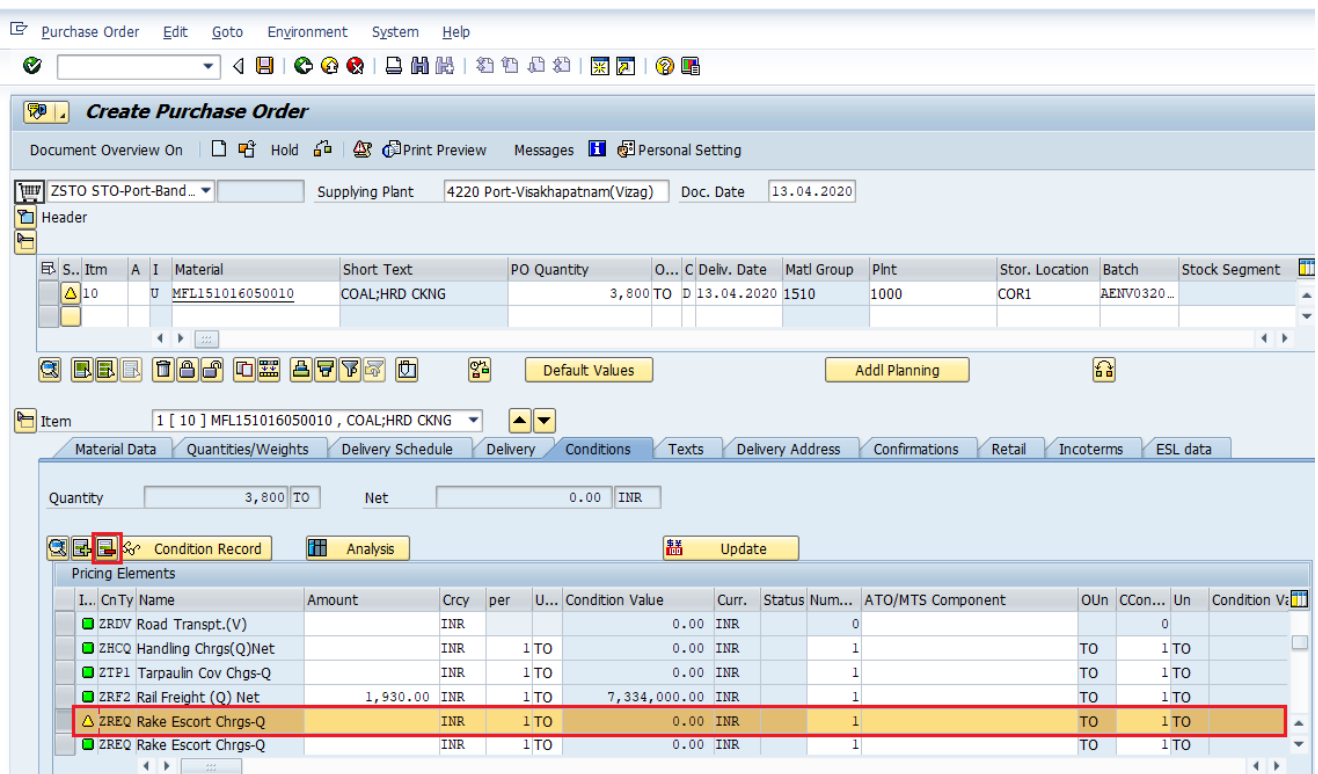
Condition Record Analysis Update

I...	CnTy	Name	Amount	Crcy	per	U...	Condition Value	Curr.	Status Num...	ATO/MTS Component	OUn	CCon...	Un	Condition V...

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

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 12.04.2020

Delivery/Invoice Conditions **Texts** Address Communication Partners Additional Data Org. Data Status

Header Texts

- Header text
- Header note
- Pricing types
- Deadlines

BY rail from Vizag PORT to BANDHDIH SIDING (Line no)

1 Continuous-t...

S..	Itm	A	Material	Short Text	PO Quantity	O...	C	Delv. Date	Matl Group	Plnt
10			MFL151016050010	COAL;HRD CKNG	3,800	TO	D	12.04.2020	1510	1000

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	Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
10				MFL151016050010	COAL;HRD CKNG	3,800	TO	D	13.04.2020	1510	1000	COR1	AENV0320...	

Item [10] MFL151016050010 , COAL;HRD CKNG

Material Data Quantities/Weights Delivery Schedule Delivery **Conditions** Texts Delivery 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 V...
RDV		3rd 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	

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

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

Quantity 3,800 TO Net 0.00 INR

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	
ZRHQ		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

S.. Itm	A	I	Material	Short Text	PO Quantity	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
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Item 1 New Item

STO-Port-Bandh-RAIL created under the number 440000034

SAP

1.2 Stock transfer order Release

a) Definition and Prerequisites

STO will be released as per DOA

b) Menu Path and Transaction code

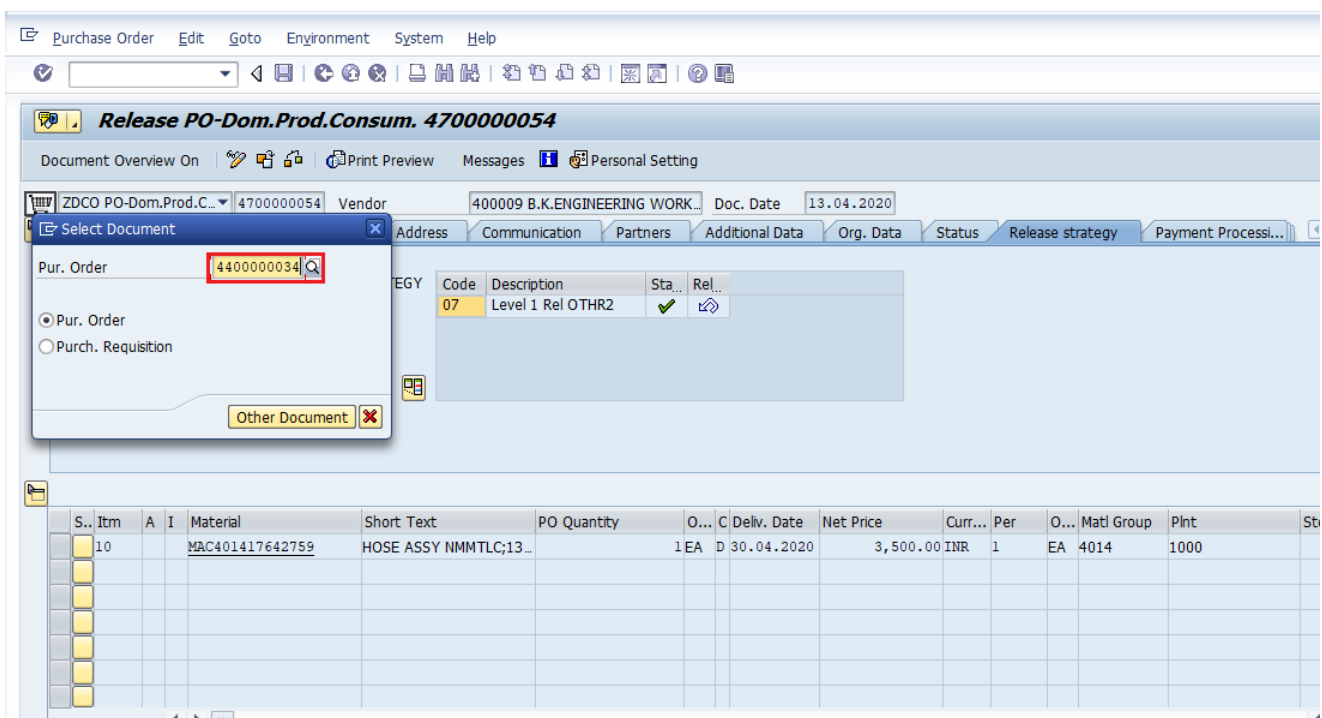
SAP S/4 HANA menu	SAP Menu ->Logistics → Materials Management → Purchasing → Purchase Order → Release → Individual Release
Transaction code	ME29N

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 440000034

Document Overview On Print Preview Messages Personal Setting

ZSTO STO-Port-Bandh... 440000034 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 Process...

Release group RG ESL PO REL. STRATEGY Code Description Sta Rel
 Release Strategy S8 IMP Coking Coal STO 16 Initial Rele IMP CC

Release indicator B Blocked, changeable wit...

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 440000034

Document Overview On Print Preview Messages Personal Setting

ZSTO STO-Port-Bandh... 440000034 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 Proc...

Release group RG ESL PO REL. STRATEGY Code Description Sta.. Rel..
 Release Strategy S8 IMP Coking Coal STO 16 Initial Rele IMP CC

Release indicator G Released

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 Add Planning

Item Detail

Release effected with release code 16

Step 3: Click on save button

STO-Port-Bandh-RAIL 4400000034 Created by MM_SUPPORT

Document Overview On | Print Preview | Messages | Personal Setting

STO STO-Port-Bandh-RAIL 4400000034 | Supplying Plant: 4220 Port-Visakhapatnam(Vizag) | Doc. Date: 13.04.2020

Release group: RG ESL PO REL. STRATEGY | Code: 16 | Description: Initial Rele IMP CC | Sta: ✓

Release Strategy: S8 IMP Coking Coal STO

Release indicator: G Released

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

Item Detail: STO-Port-Bandh-RAIL 4400000034 changed

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

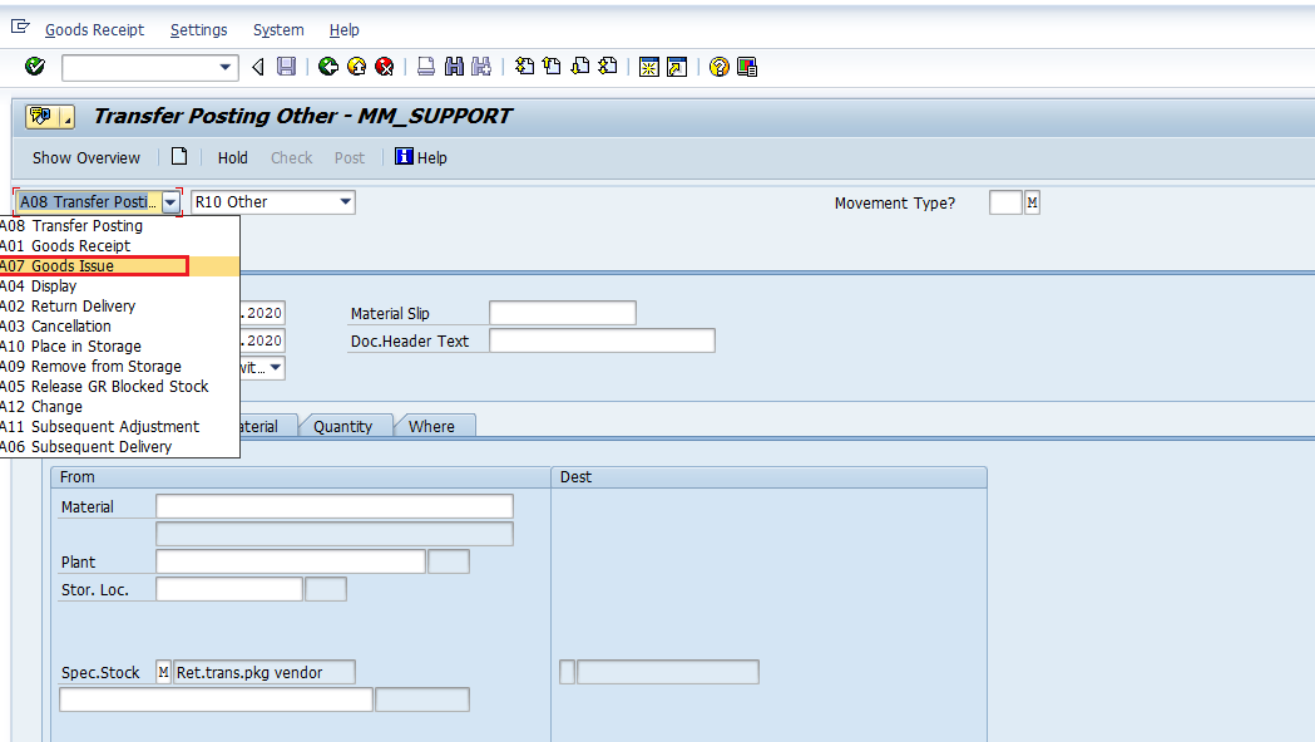
SAP S/4 HANA menu	SAP Menu- >Logistics > MM > Inventory Management > Goods Movement > MIGO
Transaction Code	MIGO

c) Responsibility

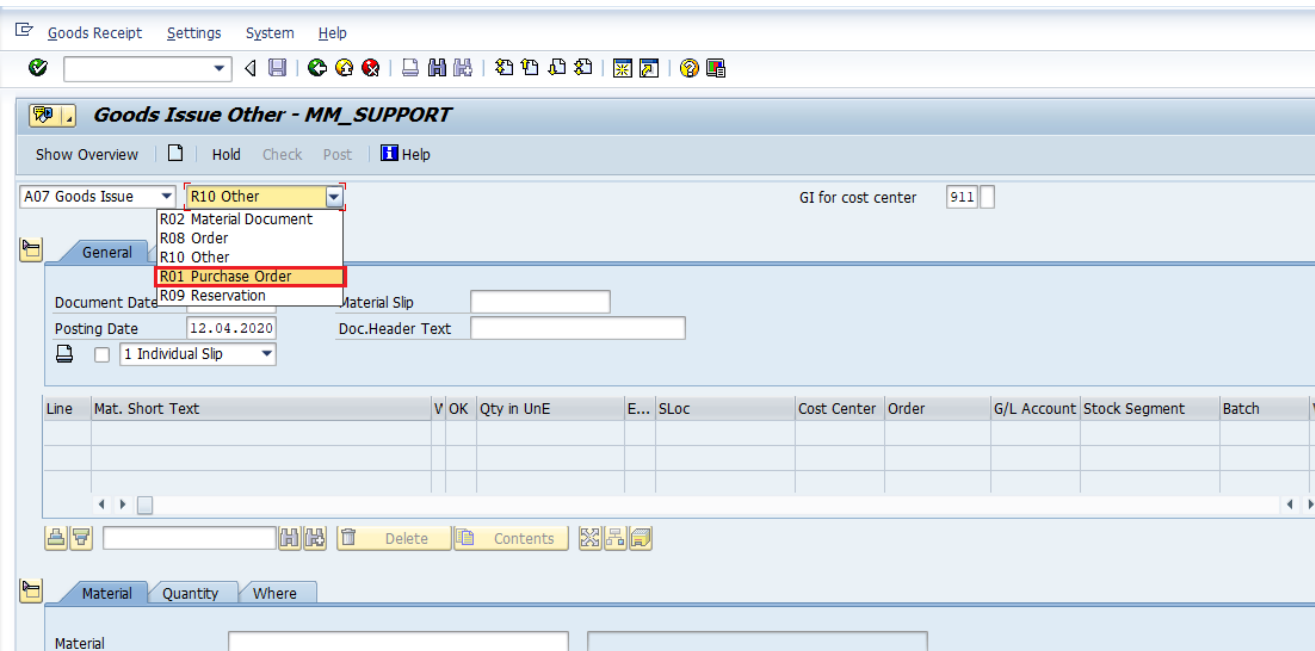
Inbound Logistics team

d) Screen capture/ Process

Step 1: Select Goods Issue



Step 2: Select purchase order



Step 3: Enter the stock transfer order. Press enter

Goods Receipt Settings System Help

Goods Issue Purchase Order - MM_SUPPORT

Show Overview Hold Check Post Help

A07 Goods Issue R01 Purchase Order 4400000034 TF to stock in trans. 351

General

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	Sloc	Stock Segment	Batch	Valuation ...	M...	D Stock Type

Material Quantity Where

Step 4: Check the quantity

Goods Receipt Settings System Help

Goods Issue Purchase Order 4400000034 - MM_SUPPORT

Show Overview Hold Check Post Help

A07 Goods Issue R01 Purchase Order 4400000034 TF to stock in trans. 351

General

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	S...	Sloc	Stock Segment	Batch	Valuation ...	M...	D Stock Type	Plr
1	COAL;HRD CKNG		3,800	TO						351 -	Unrestrict...	Po

Material Quantity Where Purchase Order Data Batch Stock Transfer Weight Information

Qty in Unit of Entry 3,800 IO
 Qty in SKU 3,800 IO

Step 5: Enter the supplying plant storage location

Goods Receipt Settings System Help

Goods Issue Purchase Order 440000034 - MM_SUPPORT

Show Overview Hold Check Post Help

A07 Goods Issue R01 Purchase Order TF to stck in trans. 351

General

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E... S... SLoc	Stock Segment	Batch	Valuation ...	M... D	Stock Type	Pr
1	COAL;HRD CKNG	<input type="checkbox"/>	3,800	TO				351 -	Unrestrict...	Po

Material Quantity Where Purchase Order Data Batch Stock Transfer Weight Information

Movement type 351 TF to stck in trans. Stock type Unrestricted-Use

Plant Port-Visakhapatnam(Vizag) 4220
 Storage location **VP01**
 GR/GE No.
 Unloading Point

Step 6: Enter Batch

Goods Receipt Settings System Help

Goods Issue Purchase Order 440000034 - MM_SUPPORT

Show Overview Hold Check Post Help

A07 Goods Issue R01 Purchase Order TF to stck in trans. 351

General

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E... S... SLoc	Stock Segment	Batch	Valuation ...	M... D	Stock Type	Pr
1	COAL;HRD CKNG	<input type="checkbox"/>	3,800	TO				351 -	Unrestrict...	Po

Material Quantity Where Purchase Order Data **Batch** Stock Transfer Weight Information

Batch **AENV032000**
 SU Batch

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

Goods Receipt Settings System Help

Goods Issue Purchase Order 4400000034 - MM_SUPPORT

Show Overview | Hold | Check | Post | Help

Document Date: 13.04.2020 | Material Slip:
 Posting Date: 13.04.2020 | Doc.Header Text:
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D	Stock Type	Plnt
1	COAL;HRD CKNG	<input type="checkbox"/>	3,800	TO	Vizag Port-1		AENV032000	AENV032000	351	-	Unrestrict...	Port-V

Batch: SU Batch

Valuation Type:

Item OK | Line: 1

Step 7: Check item as OK

Goods Receipt Settings System Help

Goods Issue Purchase Order 4400000034 - MM_SUPPORT

Show Overview | Hold | Check | Post | Help

Document Date: 13.04.2020 | Material Slip:
 Posting Date: 13.04.2020 | Doc.Header Text:
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D	Stock Type	Plnt
1	COAL;HRD CKNG	<input type="checkbox"/>	3,800	TO	Vizag Port-1		AENV032000	AENV032000	351	-	Unrestrict...	Port-V

Batch: SU Batch

Valuation Type:

Item OK | Line: 1

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

Goods Receipt Settings System Help

Goods Issue Purchase Order 440000034 - MM_SUPPORT

Show Overview | Hold | Check | Post | Help

Document Date: 13.04.2020 | Material Slip:
 Posting Date: 13.04.2020 | Doc.Header Text:
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D	Stock Type	Pint
1	COAL;HRD CKNG	<input type="checkbox"/>	3,800	TO	Vzag Port-1		AENV032000	AENV032000	351	-	Unrestrict...	Port-V

Batch: AENV032000
 SU Batch
 Valuation Type: AENV032000

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

Goods Receipt Settings System Help

Goods Issue Purchase Order 440000034 - MM_SUPPORT

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

Document Date: 13.04.2020 | Material Slip:
 Posting Date: 13.04.2020 | Doc.Header Text:
 1 Individual Slip

Line	St...	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D	Stock T
1	CC	COAL;HRD CKNG	<input checked="" type="checkbox"/>	3,800	TO	Vzag Port-1		AENV032000	AENV032000	351	-	Unres

Batch: AENV032000
 SU Batch
 Valuation Type: AENV032000

Item OK | Line: 1

Document is O.K.

Step 10: Click on post button

Goods Receipt Settings System Help

Goods Issue Purchase Order 440000034 - MM_SUPPORT

Show Overview Hold Check **Post** Help

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	St...	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D Stock Type
1	000	COAL;HRD CKNG	<input checked="" type="checkbox"/>	3,800	TO	Vizag Port-1		AENV032000	AENV032000	351	Unrestrict...

Material Quantity Where Purchase Order Data Batch Stock Transfer Weight Information

Batch AENV032000 SU Batch

Material document posted

Goods Receipt Settings System Help

Goods Issue Purchase Order - MM_SUPPORT

Show Overview Hold Check Post Help

A07 Goods Issue R01 Purchase Order TF to stk in trans. 351

General

Document Date 13.04.2020 Material Slip
 Posting Date 13.04.2020 Doc.Header Text
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D Stock Type

Material Quantity Where

Material document 4900033454 posted

SAP

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

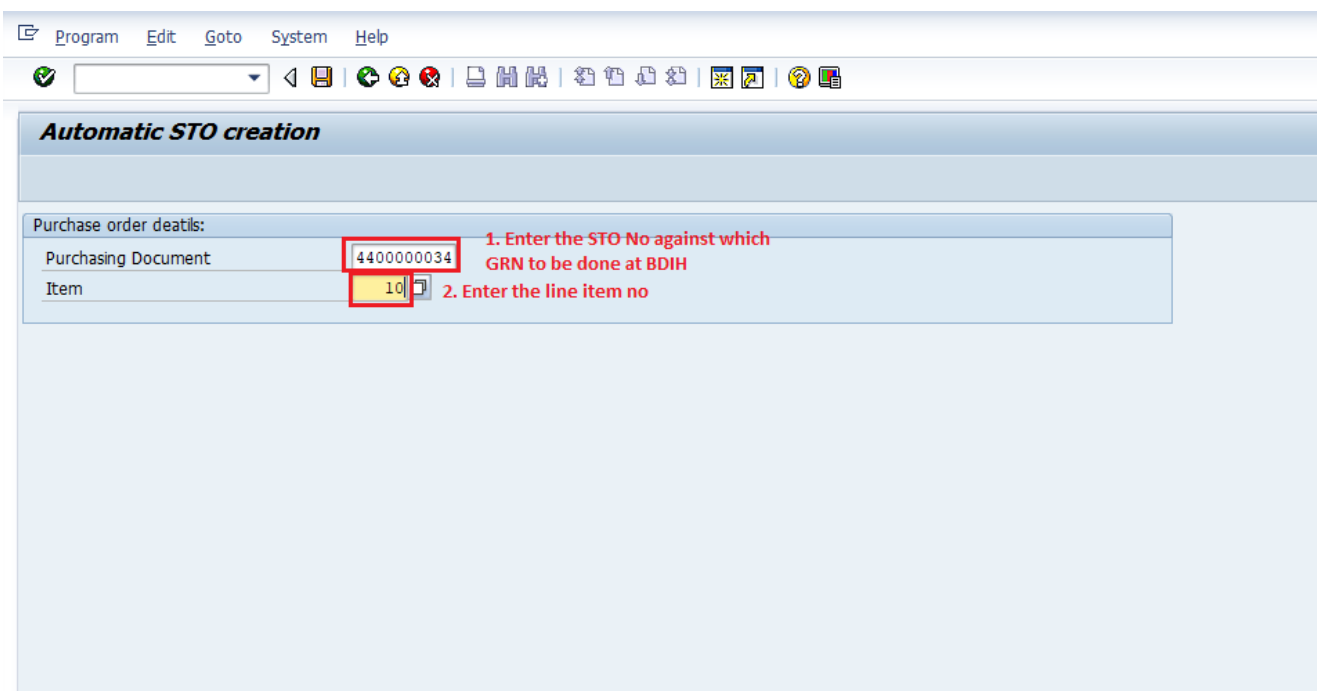
SAP S/4 HANA menu	N/A
Transaction Code	ZAUTO_STO

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



Automatic STO creation

Purchase order details:

Purchasing Document	4400000034	1. Enter the STO No against which GRN to be done at BDIH
Item	10	2. Enter the line item no

Step 2: Click on create tab

Program Edit Goto System Help

Automatic STO creation

Purchase order details:

Purchasing Document: 4400000034

Item: 10

Update or create

Transaction number:

CREATE DISPLAY UPDATE

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

System Help

Create GRN STO

Rake information

Transaction ID	RR rate	Loading Siding
PO number: 4400000034	RR Chrg. Qty.	Actual Chall. Qty.
PO item: 10	RR Quantity	Prov. Chall. Qty.
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)

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

System Help

Create GRN STO

Rake information

Transaction ID	RR rate	Loading Siding
PO number 4400000034	RR Chrg. Qty.	Actual Chall. Qty.
PO item 10	RR Quantity	Prov. Chall. Qty.
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)

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

System Help

Create GRN STO

Rake information

Transaction ID	RR rate	Loading Siding
PO number 4400000034	RR Chrg. Qty.	Actual Chall. Qty. 3800
PO item 10	RR Quantity	Prov. Chall. Qty.
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)

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

System Help

Create GRN STO

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

Execution date	Execution Time	
13.04.2020	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)

System Help

Create GRN STO

Rake information

Transaction ID	RR rate	Loading Siding	VGCB
PO number 4400000036	RR Chrg. Qty. TO	Actual Chall. Qty. TO	
PO item 10	RR Quantity TO	Prov. Chall. Qty. TO	3000
RR number	Rake Number HF-15		
RR date 10.04.2020	No. of Wagons		

Execution date: 13.04.2020 Execution Time: 17:49:57

Create GR at Badhidi & STO (Bandhidi-Plant)

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

System Help

Create GRN STO

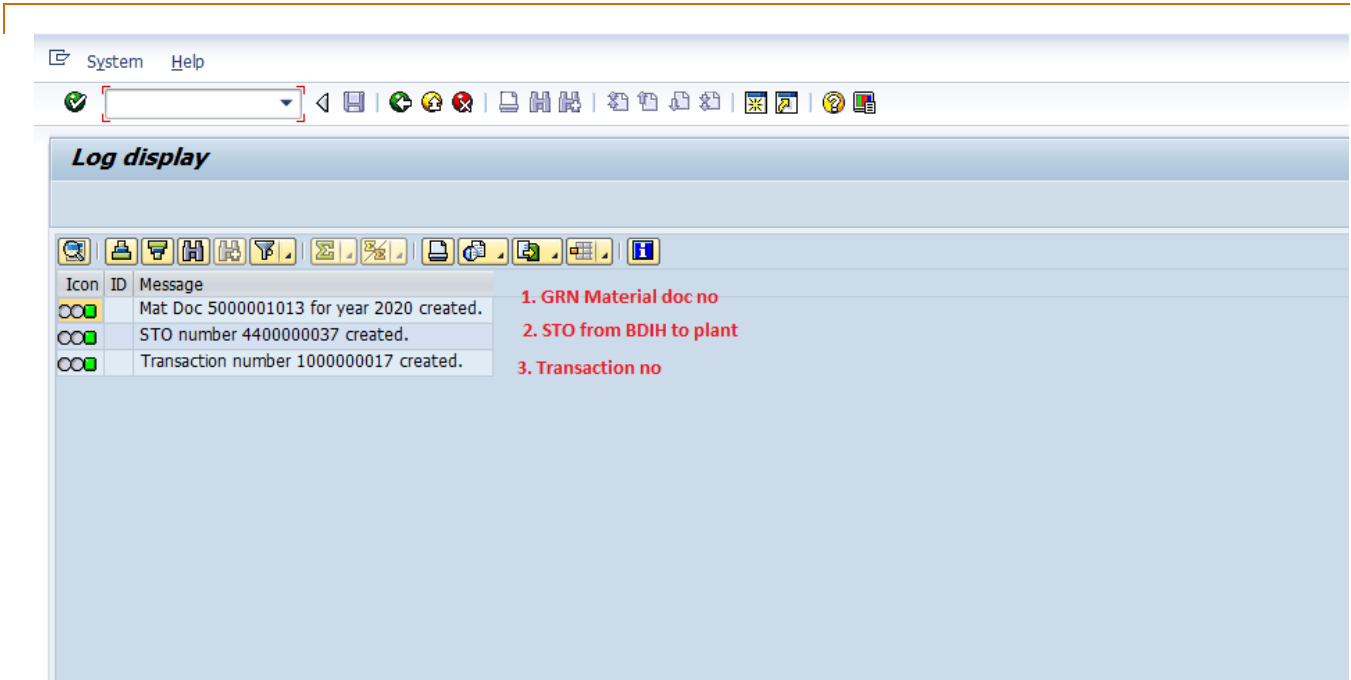
Rake information

Transaction ID	RR rate	Loading Siding	VGCB
PO number 4400000036	RR Chrg. Qty. TO	Actual Chall. Qty. TO	
PO item 10	RR Quantity TO	Prov. Chall. Qty. TO	3000
RR number	Rake Number HF-15		
RR date 10.04.2020	No. of Wagons		

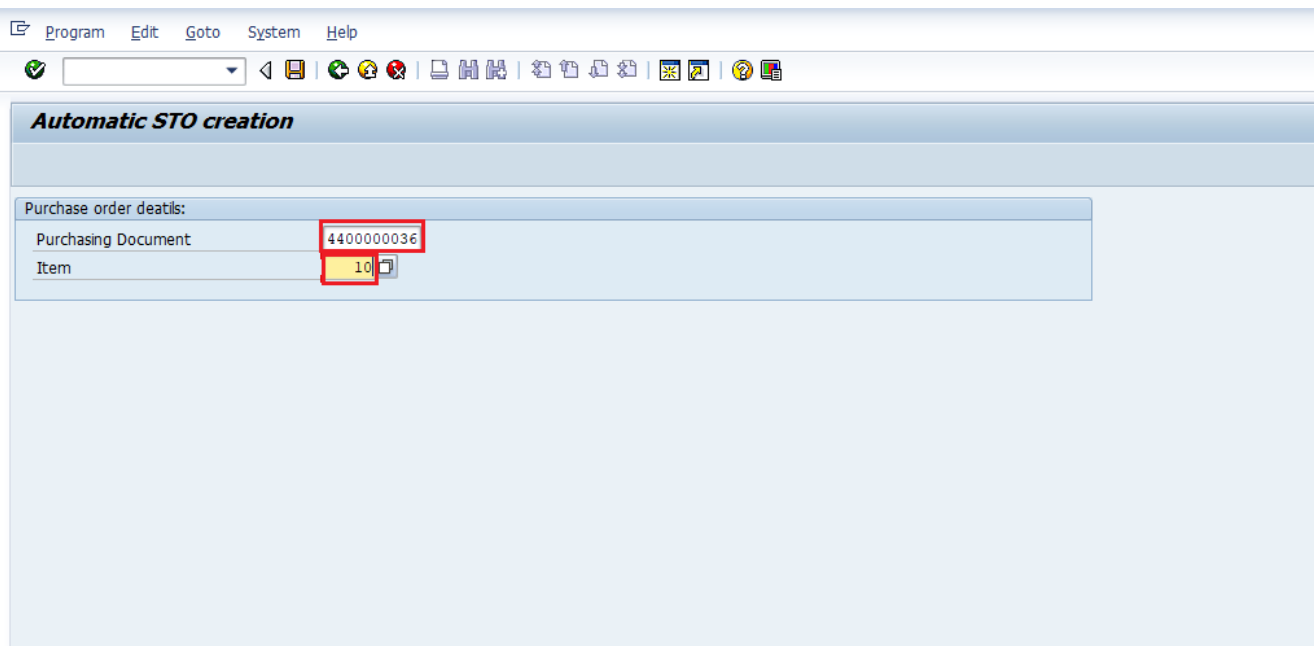
Execution date: 13.04.2020 Execution Time: 17:49:57

Create GR at Badhidi & STO (Bandhidi-Plant)

Material Document posted



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



Step 7: Enter the transaction no and click on update

Program Edit Goto System Help

Automatic STO creation

Purchase order details:

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 Bandhiddh & STO (Bandhiddh-Plant)

System Help

Update details

Rake information

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

Provisional GR details: [Create GR at Badhidi & STO \(Bandhidi-Plant\)](#)

Material document posted

System Help

Log display

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