



SPECIAL PROCUREMENT TYPES

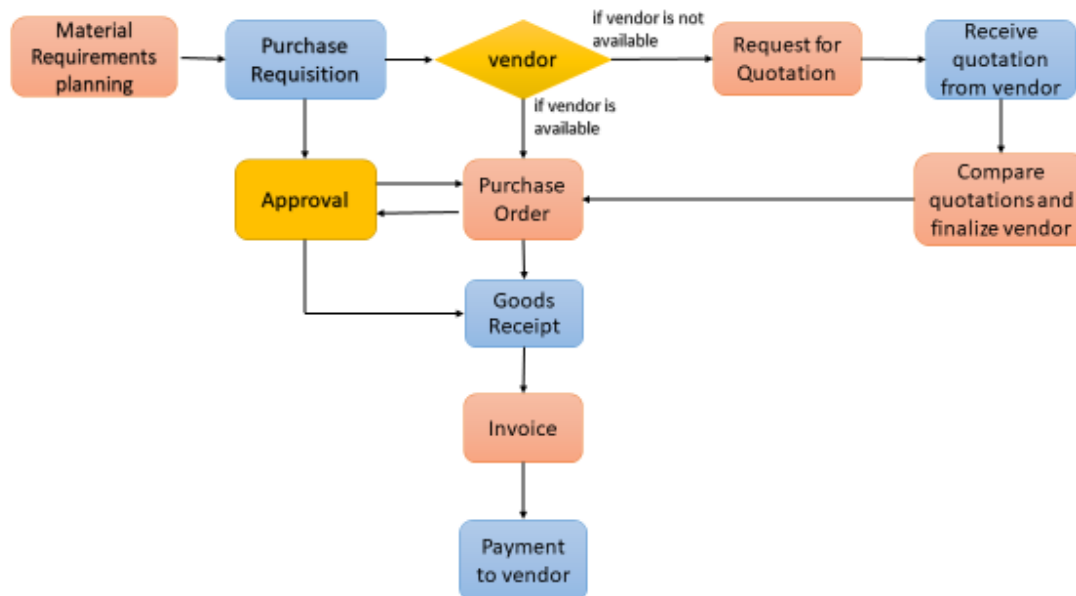


VAISHNAVI JINDAM

SAP Procure to pay (P2P) process

Every organization that operates a business has to purchase materials such as raw materials, services etc. The Company can procure those materials as in-house production or external procurement.

Procure to pay Process overview



Purchase orders can be created for different types of procurement. The type of procurement can be maintained in a field that is known as **item category**.

- **Subcontracting** Purchase Order- Item category **L**
- **Consignment** Purchase Order- Item category **K**
- **Stock Transfer** Purchase Order- Item category **U**
- **Service** Purchase Order- Item category **D**
- **Standard** Purchase Order- Item category **Blank**

Steps are followed during configuration:

SAP provides standard configurations and recommends to use them as and when we need any customizations as per business requirements by copying them and create custom ones, we should not make changes to standard configurations provided by SAP

Internal Document	Standard Document Type	Field Selection
Purchase Requisition	NB	NBB

Purchasing Documents	Standard Document Type	Field Selection
Request for Quotation	AN	ANA
Purchase Order	NB	NBF
Contracts	MK-quantity contract WK-value contract	MKK WKK
Scheduling Agreements	LP/LPA	LPL

Common steps involved in configuring of each of above document types:

- 1. Create number ranges**
- 2. Create document types**

Nature of Purchase Requisition (PR), Request for Quotation (RFQ), contract, Scheduling Agreements (SA), Purchase Order (PO) is differentiated by document type

- 3. Assign number ranges to document types**

Choose relevant item category: which defines the procurement type. Like standard, consignment, STO, subcontracting, service

Based on the document type which is going to create, item category is decided and document type can have more than one item category as well

- 4. Assign Purchase Requisition type to purchasing documents types with item category: Using a Purchase Requisition we can create Request for Quotation, Purchase Order, Contract, Scheduling Agreements**

It is done through the assignment of PR document type+ item category to purchase documents type (RFQ, PO, Contract, Scheduling Agreements) + item category

Here document types are linked along with item categories so that the nature of the procurement remains the same

Document types are assigned along with item category so that the nature of the procurement remains the same

- 5. Header and Item text (if required)**

If business demands to have new header and item text then those will be created and copied accordingly

- 6. Screen Layout (if required)**

Say in standard Sap field X is optional and business wants field X as mandatory

- 7. Continuously we have release strategy as well**

Standard Purchase Order

Document Type is Material

Purchase Requisition (PR)

Nature of the PR is differentiated by document type, here we creating document type for material

1. Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Define Number ranges

Edit Intervals: Purchase requisition, Object BANF

Number Range Object BANF Number Ranges for Purchase Requisitions

Intervals Intervals NR Status

06	4100001000	4100001999	0	<input type="checkbox"/>
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2. Define Document Types

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Define Document Types

Copy from standard document type NB

Document Types Purchase requisition Change

New Entries

Type	Doc. Type Descript.	ItmInt.	No
NB	Purchase Requisition	10	01
NBS	Purchase Req. NBS	10	01
RV	Outl. Agmt Requisn	10	01
Z001	Standard PR KE01	10	05
ZED	Purchase Requisi_NB	10	01
ZNB	AN01 Purchase Req	10	01

Create MB document type for material procurement for PR and assigned 06 number range

Document Types Purchase requisition Change

New Entries

Dialog Structure	Type	Doc. Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	FieldSel.	Con...	OvRe...	Lay
Document types	MB		Purchase Requisition	10	06		NBB		<input checked="" type="checkbox"/>	
Allowed item categories	NB		Purchase Requisition	10	01	02	NBB		<input checked="" type="checkbox"/>	
Link purchase req	NBS		Purchase Req. NBS	10	01	02	NBB		<input checked="" type="checkbox"/>	
Serial number prof	RV		Outl. Agmt Requis	10	01	02	RVB	R	<input type="checkbox"/>	

Select MB and click on Allowed Item categories to define item category for MB document type

Document Types Purchase requisition Change

New Entries

Dialog Structure	Type	Doc. Type	Doc. Type Descript.	ItmInt.	No
Document types	MB		Purchase Requisition	10	06
Allowed item categories	NB		Purchase Requisition	10	01
Link purchase requisition - document type	NBS		Purchase Req. NBS	10	01
Serial number profiles	RV		Outl. Agmt Requis	10	01

Assigned standard procurement to PR document type MB (Material)

Admissible Item Categories for Document Type MB Purchase Requisition

New Entries

Dialog Structure	ItCat.	Text for Item Cat.
Document types		
Allowed item categories		Standard
Link purchase requisition - document type		
Serial number profiles		

Request for Quotation

1. Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Request and Quotation (SAP ERP) ->Define Number ranges

Edit Intervals: Purchasing document, Object EINKBELEG

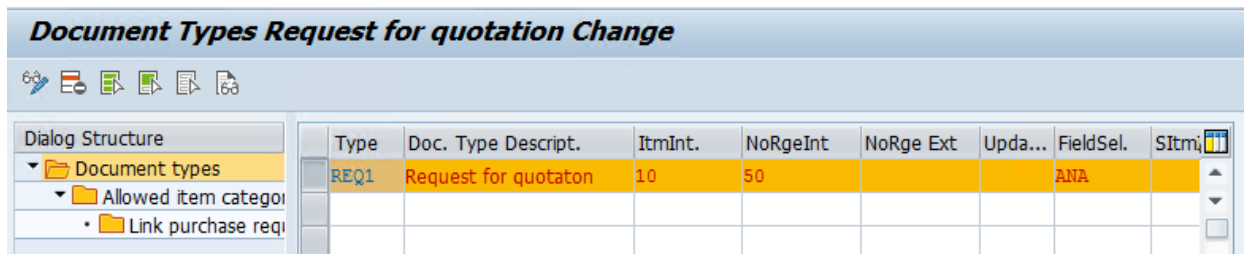
New Entries

Number Range No.	From No.	To Number	NR Status	External
50	4300000000	4300000999	0	<input type="checkbox"/>

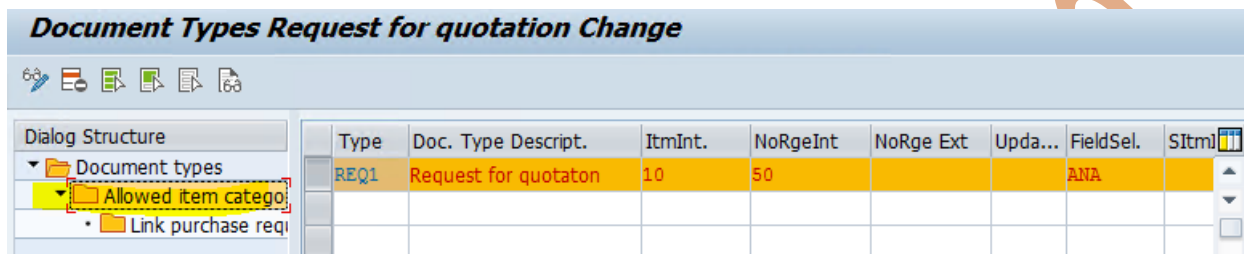
2. Define Document Types

SPRO->SAP reference IMG->Material Management->Purchasing->Request and Quotation (SAP ERP) ->Define Document Types

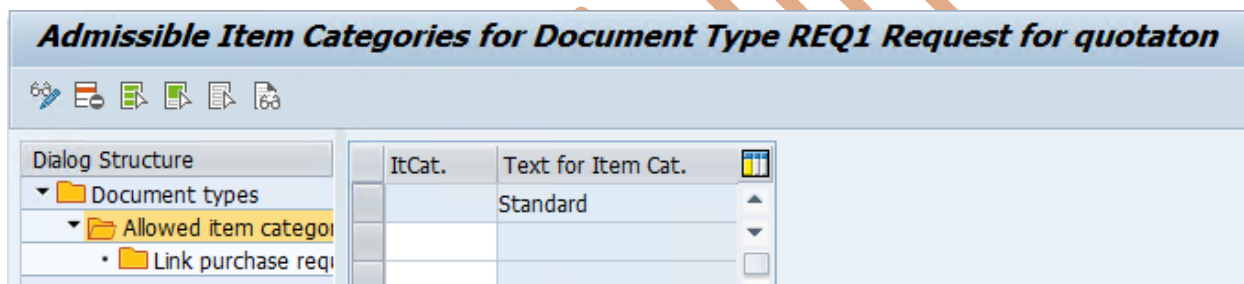
Copy from standard document type AN and assign number range 50 to REQ1



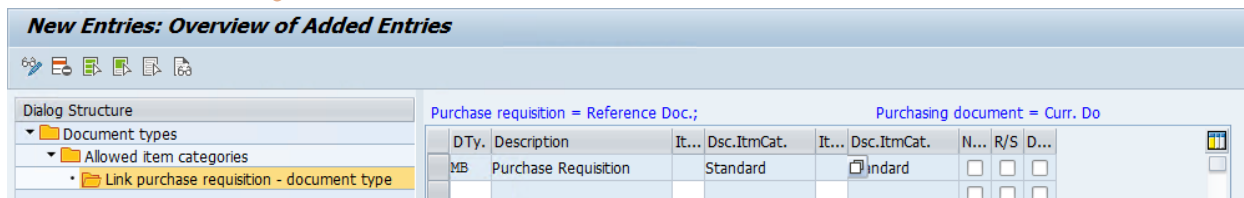
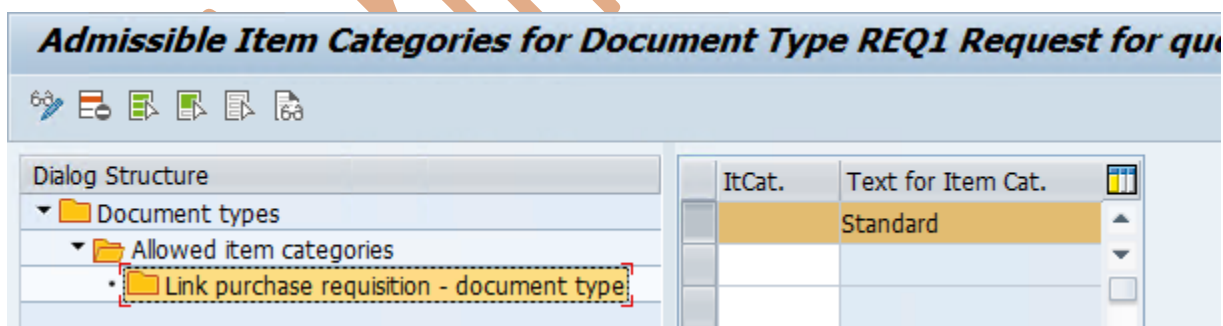
Select REQ1 and click on Allowed Item categories to define item category for REQ1 document type



Assigned standard procurement to RFQ document type REQ1 (Material)



Assign PR (document type + item category) to REQ1 (document type + item category)



Once assigned it will reflect in PR as well

Change View "Link purchase requisition - document type": Overview

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Purchasing document = Reference Doc.; Purchase requisition = Curr. D

DTy.	Description	It...	Dsc.ItmCat.	It...	Dsc.ItmCat.	N...	R/S	D...
REQ1	Request for quotaton		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purchase Order

1 Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Order->Define Number ranges

Domestic Purchase Order

Edit Intervals: Purchasing document, Object EINKBELEG

New Entries

Number Range No.	From No.	To Number	NR Status	External
51	5000000000	5000000999	0	<input type="checkbox"/>

2. Define Document Type

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Order->Define Document Type

Copy from standard document type NB and assign number range 51 to MPO

Document Types Purchase order Change

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Type	Doc. Type	Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSe
NB	Standard	PO	10	45	41		SAP	NBF
NB2	Enh.Ret.to	Supplier	10	45	41		SAP	NBF
UB	Stock Transp.	Order	10	45	41		SAP	UBF
ITM	StockTransOrderDel		10	45	41		SAP	ITRF

Document Types Purchase order Change

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Type	Doc. Type	Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSel.
MPO	Standard	PO	10	51			SAP	NBF

Select MPO and click on Allowed Item categories to define item category for MPO document type

Document Types Purchase order Change

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Type	Doc. Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSe
MPO	Standard PO		10	51			SAP	NBF
NB	Standard PO		10	45	41		SAP	NBF
NB2	Enh.Ret.to Supplier		10	45	41		SAP	NBF
UB	Stock Transp. Order		10	45	41		SAP	UBF

Assigned standard procurement to PO document type MPO (Domestic)

Admissible Item Categories for Document Type MPO Standard PO

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

ItCat.	Text for Item Cat.
	Standard

Admissible Item Categories for Document Type MPO Standard PO

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

ItCat.	Text for Item Cat.
	Standard

Assign PR (document type + item category) to MPO (document type + item category)

Change View "Link purchase requisition - document type": Overview

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Purchase requisition = Reference Doc.; Purchasing document = Curr. Do

DTy.	Description	It...	Dsc.ItmCat.	It...	Dsc.ItmCat.	N...	R/S	D...
MB	Purchase Requisition		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Once assigned it will reflect in PR as well

Change View "Link purchase requisition - document type": Overview

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

Purchasing document = Reference Doc.; Purchase requisition = Curr. D

DTy.	Description	It...	Dsc.ItmCat.	It...	Dsc.ItmCat.	N...	R/S	D...
REQ1	Request for quotaton		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPO	Standard PO		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Contracts

1. Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Contract->Define Number ranges

Edit Intervals: Purchasing document, Object EINKBELEG

Number Range No.	From No.	To Number	NR Status	External
52	5000001000	5000009999	0	<input type="checkbox"/>

2. Define Document Type

SPRO->SAP reference IMG->Material Management->Purchasing->Contract->Define Document Type

Copy from standard document type Quantity Contract MK and assign number range 52 to MCON

Document Types Contract Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSel.
CMK	Qty Contract-PSE	10	46			SAP	CMKK
CWK	Value Contract-PSE	10	46			SAP	CWKK
MK	Quantity Contract	10	46	44		SAP	MKK
WK	Value Contract	10	46	44		SAP	WKK

Document Types Contract Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSel.
MCON	Quantity Contract	10	52			SAP	MKK

Select MCON and click on Allowed Item categories to define item category for MCON document type

Document Types Contract Change

Type	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	FieldSel.	SItmI	Shar...	Layout	A...
MCON	52			SAP	MKK		<input type="checkbox"/>		<input checked="" type="checkbox"/>
MK	46	44		SAP	MKK		<input type="checkbox"/>		<input checked="" type="checkbox"/>
WK	46	44		SAP	WKK		<input type="checkbox"/>		<input type="checkbox"/>

Admissible Item Categories for Document Type MCON Quantity Contract

ItCat.	Text for Item Cat.
	Standard

Assigned standard procurement to PO document type MCON (Quantity contract)

Admissible Item Categories for Document Type MCON Quantity Contract

ItCat.	Text for Item Cat.
	Standard

Assign PR (document type + item category) to MCON (document type + item category)

Change View "Link purchase requisition - document type": Overview

DTy.	Description	It...	Dsc.ItmCat.	It...	Dsc.ItmCat.	N...	R/S	D...
MB	Purchase Requisition		Standard		Standard	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Once assigned it will reflect in PR as well

Change View "Link purchase requisition - document type": Overview

DTy.	Description	It...	Dsc.ItmCat.	It...	Dsc.ItmCat.	N...	R/S	D...
REQ1	Request for quotaton		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPO	Standard PO		Standard		Standard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MCON	Quantity Contract		Standard		Standard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Scheduling Agreement

1. Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Scheduling Agreement->Define Number ranges

Edit Intervals: Purchasing document, Object EINKBELEG

Number Range No.	From No.	To Number	NR Status	External
53	5000010000	5000010999	0	<input type="checkbox"/>

2. Define Document Type

SPRO->SAP reference IMG->Material Management->Purchasing->Scheduling Agreement->Define Document Type

Copy from standard document type LP and assign number range 53 to SSA

Document Types Scheduling agreement Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	Upda...	FieldSel.	Con...
LP	Scheduling Agreement	10	55	56	SAP	LPL	
LPA	SA With Release doc.	10	55	56	SAP	LPL	

Document Types Scheduling agreement Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	Upda...	FieldSel.	Con...
SSA	Scheduling Agreement	10	53		SAP	LPL	

Select SSA and click on Allowed Item categories to define item category for SSA document type

Document Types Scheduling agreement Change

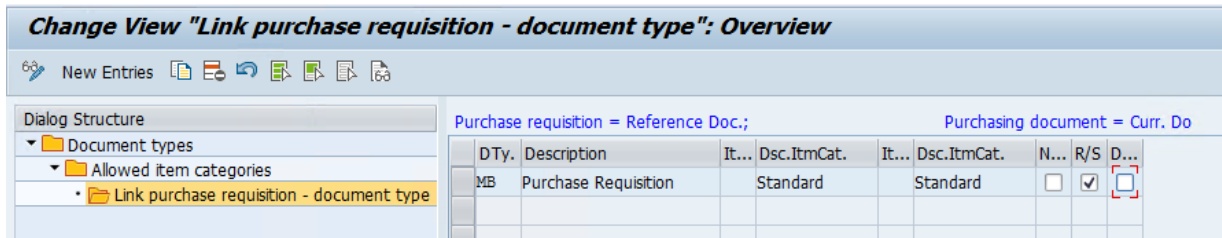
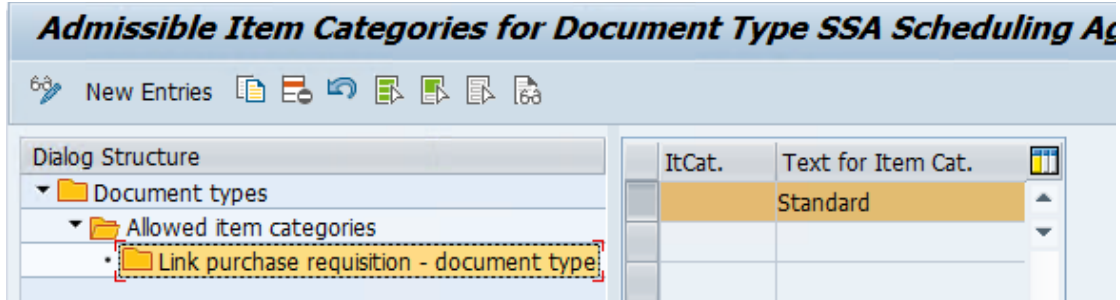
Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	Upda...	FieldSel.	Con...
SSA	Scheduling Agreement	10	53		SAP	LPL	

Assigned standard procurement to SA document type SSA

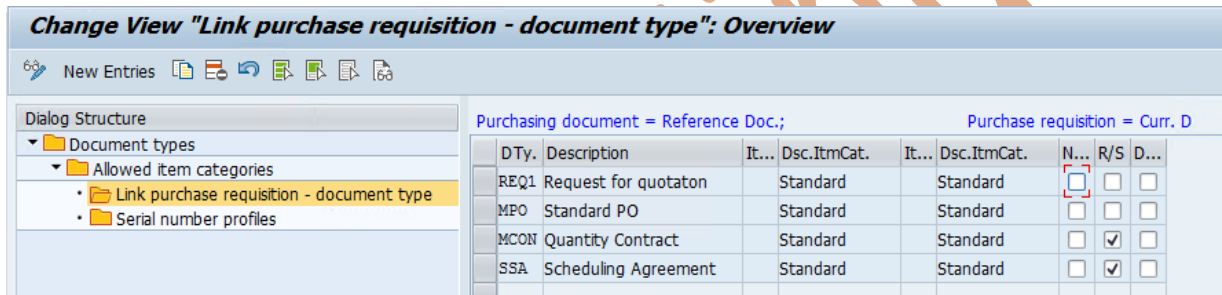
Admissible Item Categories for Document Type SSA Scheduling Ag

ItCat.	Text for Item Cat.
	Standard

Assign PR (document type + item category) to SSA (document type + item category)



Once assigned it will reflect in PR as well



Material 4500046607 created

Material 4500046607 created

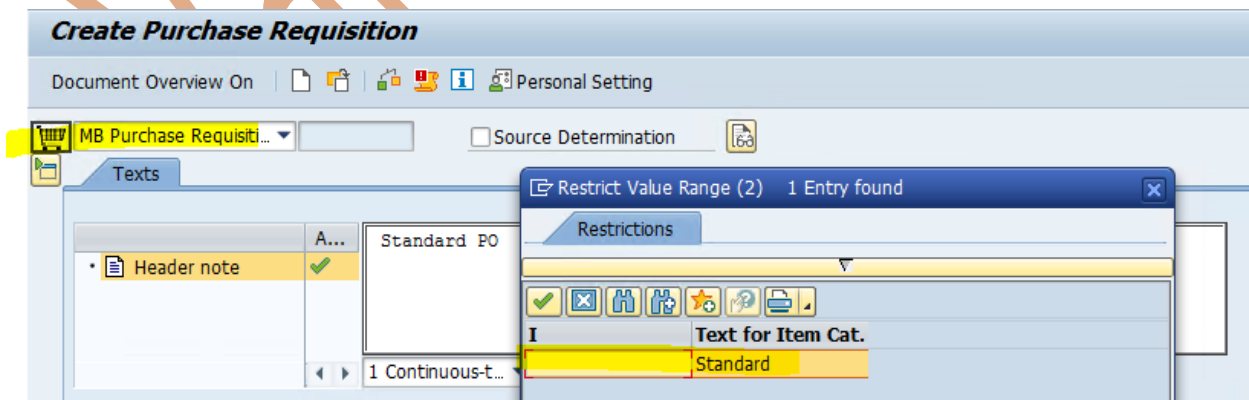
Business partner 100001041 created

Business partner 100001041 created

Create Purchase Requisition, TCODE: ME51N

Purchase requisition number 4100001000 created

Purchase requisition number 4100001000 created



Create Contract, TCODE: ME31k

Create Contract : Initial Screen

Reference to PReq Reference to RFQ

Supplier: 100001041
 Agreement Type:
 Agreement Date: 20.06.2021
 Agreement:

Restrict Value Range (2) 5 Entries found

Restrictions

Type	Doc. Type	Descript.
CMK	Qty Contract-PSE	
CWK	Value Contract-PSE	
MCON	Quantity Contract	
MK	Quantity Contract	
WK	Value Contract	

Organizational Data

Purch. organization: RORG
 Purchasing Group:

Default Data for Items

Item Category:
 Acct Assignment Cat.:
 Plant:
 Storage location:
 Material Group:
 Req. Tracking Number:
 Supplier Subrange:
 Acknowledgment Reqd:

Create Contract : Initial Screen

Reference to PReq Reference to RFQ

Supplier: 100001041
 Agreement Type: MCON
 Agreement Date: 20.06.2021
 Agreement:

Selection of Purchase Requisitions

Purchase Req.: 4100001000
 Requisition item:
 Purch. Group: RPU
 Document Type:
 Material:
 MPN material:
 Plant:
 Item Category:
 Acct Assgmt Cat:
 Tracking Number:
 Supplying Plant:
 Assigned:
 Stock material:
 Open only:

Organizational Data

Purch. organization: RORG
 Purchasing Group: RPU

Default Data for Items

Item Category:
 Acct Assignment Cat.:
 Plant: RDIL
 Storage location: RB01
 Material Group:
 Req. Tracking Number:
 Supplier Subrange:
 Acknowledgment Reqd:

Create Contract : Header Data

Agreement Company Code Purchasing Group
 Agreement Type Purch. organization

Supplier TEST vendor for standard PO

Administrative Fields
 Agreement Date Item Number Interval Subitem Interv.
 Validity Start Validity End Language
 GR Message

Terms of Delivery and Payment
 Payment terms Targ. Val.
 Payment in Days % Exch. Rate Ex.Rate Fx
 Payment in Days %
 Payment in Days Net
 Inco. Version
 Incoterms
 Inco. Location1

Reference Data
 Quotation Date Quotation
 Your Reference Salesperson
 Our Reference Telephone
 Goods Supplier Invoicing Party

Create Contract : Selection List: Purchase Requisitions

Pur. Req.	Item	Material	Short Text	Plnt	SLoc	I	A	Cl	Qty	Un	C Deliv. Date	Rel. Date	Fixed S.	S	Batch	Stock Segment
4100001000	10	4500046607	TEST Standard PO	RDIL	RB01					10,000	KG	20.06.2021		N		

Create Contract : Item 00010

Agreement Item Item Cat. AcctAssCat
 Material Plant
 Short Text Stor. Loc.
 Matl Group

Quantity and Price
 Target Quantity RelOrdQty.
 Net Order Price / Price Date
 Qty Conversion <-> InfoUpdate

Other Data
 1st Rem./Exped. ConfContr. Acknowl. Reqd
 2nd Rem./Exped. Ackn. No.
 3rd Rem./Exped. TrackingNo Estimated Price
 Supp. Mat. Print Price

GR/IR Control
 Underdel. Tol. % Stock Type Info atReg GR
 Overdeliv. Tol. % Unlimited GR non-val
 Tax Code IR
 Shipping Instr. GR-BasedIV
 Origin Accept.

Create Contract : Item Overview

Account Assignments Classify

Agreement: [] Agreement Type: MCON Agmt Date: 20.06.2021
 Supplier: 100001041 TEST vendor for standard PO Currency: INR

Outline Agreement Items

Item	I	A	Material	Short Text	Targ. Qty	O...	Net Price	Per	O...	Mat. Grp	Plnt	SLoc	D	Stock Segment	T...
10			4500046607	TEST Standard PO	1.000	KG	1.000,00	1	KG	10-01-01	RDIL	RB01			
20											RDIL	RB01			
30											RDTI	RR01			

Contract created 5000001000

Create Purchase Order, TCODE: ME21N

Create Purchase Order

Document Overview On Hold Print Preview Messages Personal Setting

MPO Standard PO Supplier: 100001041 TEST vendor for sta... Doc. Date: 20.06.2021

Restrict Value Range (2) 1 Entry found

Restrictions

I Text for Item Cat. Standard

1 Entry found

Ex	S...	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. L...
		10			4500046607	TEST Standard PO	10	KG	D	20.06.2021	1.000,00	INR	1	KG	Spares	Plant for RUSH	Raw Ma

Standard PO created under the number 5000000000

Goods Receipt, TCODE: MIGO

Material document 5000000528 posted

Display Material Document 5000000528 - TRNE134

Show Overview Hold Check Post Help

A04 Display R02 Material Docu... 5000000528 2021

Doc. info

Document Date: 20.06.2021 Delivery Note: 5000000000 Supplier: TEST vendor for standard PO
 Posting Date: 20.06.2021 Bill of Lading: HeaderText: []
 1 Individual Slip

Line	Mat.	Short Text	V	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D	Stock Type	Plnt
1	TEST	Standard PO		10	KG	Raw Material				101 +		Unrestrict...	Plant for R

Material: TEST Standard PO 4500046607
 Supplier Mat. No.: []
 Material Group: 10-01-01

Display Material Document 500000528 - TRNE134

Show Overview | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 500000528 | 2021

General | Vendor | Doc. info

Entered By: TRNE134
 Created On: 19.06.2021 21:28:19 UTC
 Transaction Code: Goods Movement MIGO_GR

FI Documents

Line	Mat. Short Text	V	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation
1	TEST Standard PO		10	KG	Raw Material			

Accounting Entries:

Stock account – Debit (+)

GR/IR Clearing account – Credit (-)

Display Material Document 500000528 - TRNE134

Show Overview | Hold | Check | Post | Help

List of Documents in Accounting

Documents in Accounting

Document	Object type text
5000000004	Accounting document
A0004BUP00	Material ledger

MIGO_GR

V Qty in UnE | E... | SLoc
 10 | KG | Raw M

Separate | Original document

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 5000000004 | Company Code: RUSH | Fiscal Year: 2021
 Document Date: 20.06.2021 | Posting Date: 20.06.2021 | Period: 6
 Reference: 5000000000 | Cross-Comp.No.:
 Currency: INR | Texts Exist: | Ledger Group:

Co...	Itm	PK	SC Account	Description	Amount	Crcy	Tx	Transaction
RUSH	1	89	5500	Stock Account	10.000,00	INR		BSX
	2	96	5501	GR/IR CLR	10.000,00-	INR		WRX

Standard PO 500000000 Created by TRNE134

Document Overview On Messages Personal Setting

MPO Standard PO | 500000000 | Supplier | 100001041 TEST vendor for sta... | Doc. Date | 20.06.2021

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing | Incoterms

	Active	Ordered	10	KG	10.000,00	INR
	Not Yet Sent	Delivered	10	KG	10.000,00	INR
	Fully Delivered	Still to delv.	0	KG	0,00	INR
	Not Invoiced	Invoiced	0	KG	0,00	INR
		Down paymts			0,00	USD

S...	Item	A	I	Material	Short Text	PO Quantity	O...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Pht	Stor. L
	10			4500046607	TEST Standard PO	10 KG	D	20.06.2021	1.000,00	INR	1	KG	Spares	Plant for RUSH	Raw Ma

Invoice Posting, TCODE: MIRO

Enter Incoming Invoice: Company Code RUSH

Show PO structure | Show worklist | Hold | Simulate | Messages | Help | NF

Transaction: 1 Invoice | Balance: 0,00 INR

Basic Data | Payment | Details | Tax | Contacts | Note

Invoice date: 20.06.2021 | Reference: |
 Posting Date: 20.06.2021
 Amount: 10.000,00 INR
 Calculate Tax
 Tax Amount: | |
 Text: |
 Company Code: RUSH Dil Rush Private Limited Palo Alto

Vendor 0100001041
 Company: TEST vendor for standard PO
 565657 Banglore

PO Reference | G/L Account

1 Purchase Order/Scheduling Agreem... | 5000000000 | 1 Goods/service items
 Layout: 7_6310 All information

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	10.000,00	10 KG		5000000000	10	TEST Standard PO	I0 I0...

Enter Incomi | Simulate Document in INR (Document currency)

Show PO structure

Transaction: | Position | A | G/L Acct | Act/Mat/Ast/Vndr | Amount | Cu... | Purchasing... | Item | T... | Jurisd. Code | Bu... | Cost Center | CO

	1K	4400	TEST vendor for stan...	10.000,00	INR		10					
	2S	5501	GR/IR Clearing Account	10.000,00	INR	5000000000	10	7700000000				

Basic Data | P

Invoice date
 Posting Date
 Amount
 Tax Amount
 Text
 Company Code

PO Reference

1 Purchase Order/Sk

Item	Amount
1	

Debit 10.000,00 | Credit 10.000,00 | Bal. 0,00

Back | Post | Display Currency

Check status in PO ME23N

Standard PO 500000000 Created by TRNE134

Document Overview On

MPO Standard PO | 500000000 | Supplier | 100001041 TEST vendor for sta... | Doc. Date | 20.06.2021

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing | Incoterms

	Active	Ordered	10	KG	10.000,00	INR
	Not Yet Sent	Delivered	10	KG	10.000,00	INR
	Fully Delivered	Still to deliv.	0	KG	0,00	INR
	Fully Invoiced	Invoiced	10	KG	10.000,00	INR
		Down paymts			0,00	USD

S...	Itm	A	I	Material	Short Text	PO Quantity	O...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Lc
	10			4500046607	TEST Standard PO		10 KG	D 20.06.2021	1.000,00	INR	1	KG	Spares	Plant for RUSH	Raw Ma

Check Purchase Order History

Standard PO 500000000 Created by TRNE134

Document Overview On

MPO Standard PO | 500000000 | Supplier | 100001041 TEST vendor for sta... | Doc. Date | 20.06.2021

Header

S...	Itm	A	I	Material	Short Text	PO Quantity	O...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Lc
	10			4500046607	TEST Standard PO		10 KG	D 20.06.2021	1.000,00	INR	1	KG	Spares	Plant for RUSH	Raw Ma

Item: 1 [10] 4500046607, TEST Standard PO

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | **Purchase Order History** | Texts | Delivery Address | Confirmations

Sh. Text*	MvT	Material Document	Item	Posting Date	Quantity	Delivery cost quantity	OU...	Amount in Loc.Cur.	L.cur	Qty in OPUn	DelCostQty (OPUn)	Order Price Unit	Amount
WE	101	5000000528	1	20.06.2021	10	0	KG	156,93	USD	10	0	KG	10.000,00
Tr./Ev. Goods Receipt					10		KG	156,93	USD	10		KG	10.000,00
RE-L		5105600248	1	20.06.2021	10	0	KG	156,93	USD	10	0	KG	10.000,00
Tr./Ev. Invoice Receipt					10		KG	156,93	USD	10		KG	10.000,00

Display Invoice Document 5105600248 2021

Show PO structure | **Follow-On Documents...** | 09 NF

Transaction | 1 Invoice | 5105600248 | 2021

Basic Data | Payment | Details | Tax | Contacts | Note

Invoice date: 20.06.2021 | Reference: |
 Posting Date: 20.06.2021 |
 Amount: 10.000,00 | INR |
 Tax Amount: 0,00 | Calculate Tax |
 Text: |
 Company Code: RUSH Dil Rush Private Limited Palo Alto

Vendor 0100001041
 Company: TEST vendor for standard PO
 565657 Bangalore

PO Reference | G/L Account

Item	Amount	Quantity	O...	Purchase ...	Item	PO Text	Tax Cod
1	10.000,00	10 KG		5000000000	10	TEST Standard PO	IO IO...

Display Document: Data Entry View

Taxes Display Currency General Ledger View

Data Entry View

Document Number 5100000004 Company Code RUSH Fiscal Year 2021
 Document Date 20.06.2021 Posting Date 20.06.2021 Period 6
 Reference Cross-Comp.No.
 Currency INR Texts Exist Ledger Group

Co. *	Item	PK	SC	Account	Description	Amount	Crcy	Tx	Transaction
RUSH	1	31		100001041	TEST vendor for standar...	10.000,00-	INR	IO	KBS
	2	86		5501	GR/IR CLR	10.000,00	INR	IO	WRX

Accounting Entries:

GR/IR Clearing account – Debit (+)

Vendor account – Credit (-)

Screen Layout

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Define Screen Layout at document level

Requirement: Business wants to have requisitioner field as mandatory when we create PR for document type MB

It can be done through field selection

Copy from standard doc type NBB

Change View "Screen Layout: Purchase Requisition": Overview

New Entries

FSel.	Description
NBB	Purchase requisition

Change View "Screen Layout: Purchase Requisition": Details of Selected

Field Sel. Key [MBB]

Screen Layout: Purchase Requisition

Field selection	+.....+.....+.....+.....+.....
Field selection	.....-.....B
Field selection	.....
Field selection	.....
Field selection	.....
Field selection	.....
Field selection	.....
Description	Purchase requisition

Double click

Change View "Screen Layout: Purchase Requisition": Overview

New Entries

FSel.	Description
MBB	Purchase requisition

Look for the item which contains this field

Maintain Table T162: Field Selection Groups

Field Selection Key: MBB

Field Selection Gro
Basic Data, Item
Supplying Plant
Quantity and Price
Deadline Monitoring
GR/IR Control
Reference data, item
Administrative data, item
Administration Data
Enjoy fields
SPEC2000 / Subcontracting.

Maintain Table T162: Fields for Field Selection Group

Field Selection Key: MBB

Selection group: Reference data, item

Field Label	Reqd. entry	Opt. entry	Display
Purchase requisition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Info record	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Requisitioner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outline agreement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Purchasing organization	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Desired vendor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fixed vendor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Materials planner	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Order statistics	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Requirement tracking number	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor material	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
"Fixed" indicator	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Texts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Go to PR document type MB and assign customized field selection MBB by removing standard NBB

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Define document types

Give field selection as MBB

Document Types Purchase requisition Change

New Entries

Dialog Structure	Type	Doc. Type	Doc. Descript.	ItmInt.	NoRgeInt	NoRge Ext	FieldSel.	Con...	OvRe...	Lay
Document types	MB	Purchase Requisition		10	06		MBB		<input checked="" type="checkbox"/>	
Allowed item category	NB	Purchase Requisition		10	01	02	NBB		<input checked="" type="checkbox"/>	
Link purchase req	NBS	Purchase Req. NBS		10	01	02	NBB		<input checked="" type="checkbox"/>	
Serial number prot	RV	Outl. Agmt Requis		10	01	02	RVB	R	<input type="checkbox"/>	

Now if you don't enter requisitioner it will through error because we mark this field as mandatory

Create Purchase Requisition

Document Overview On

MB Purchase Requisition

Source Determination

Texts

Verifying screen layout

Messages

Typ	Message text	Typ
<input checked="" type="checkbox"/>	Item 10	
<input type="checkbox"/>	Can delivery date be met?	W
<input type="checkbox"/>	Enter Requisitioner	E

St... Item A I Material Short Text Quantity Unit C Delivery Date Matl Group Plant

<input checked="" type="checkbox"/>	10			4500046606	Material	10	KG	D	20.06.2021	Spares	Plant f
-------------------------------------	----	--	--	------------	----------	----	----	---	------------	--------	---------

Header & Item Texts

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Texts for purchase requisition->Define Text Types

Material master has description of max length of 50 characters there are cases where that description length is not enough

User maintain that data under item text

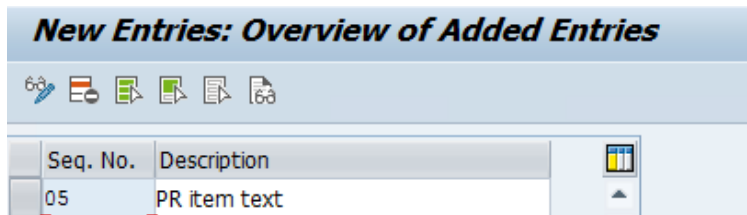
Say if you are creating this in PR and when u create RFQ from PR item text also gets copied from source (PR) to target (RFQ)

For PR we have item text part

For RFQ, PO, contract, scheduling agreements we have both header and item text

Create Item text

New Entries: Overview of Added Entries



Seq. No.	Description
05	PR item text

Workbench TR gets generated

Display IMG

Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Change Log

Structure

- Maintain Purchasing Area
 - Prompt for workbench request
 - View Maintenance: D... VV_TTXID_MM_BP
 - Request
 - Short Description

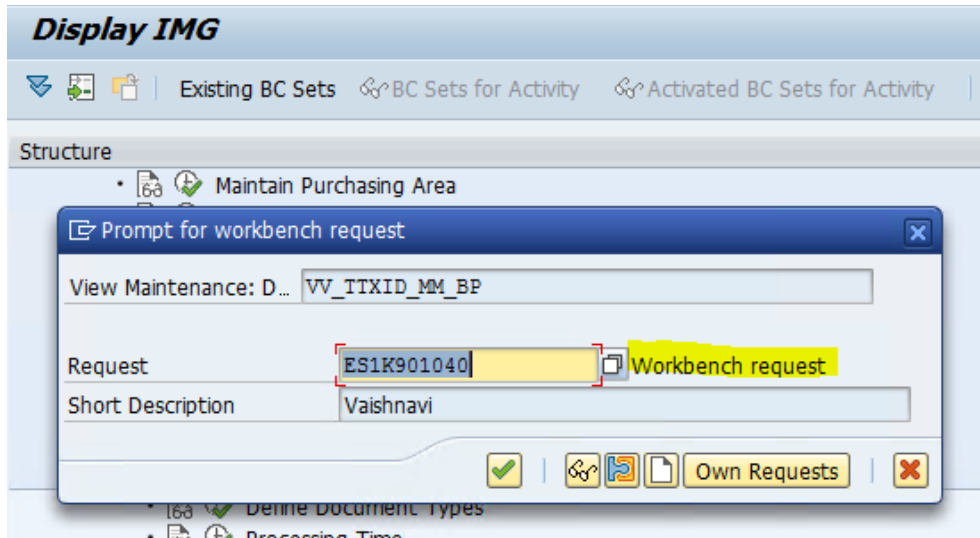
Own Requests

Display IMG

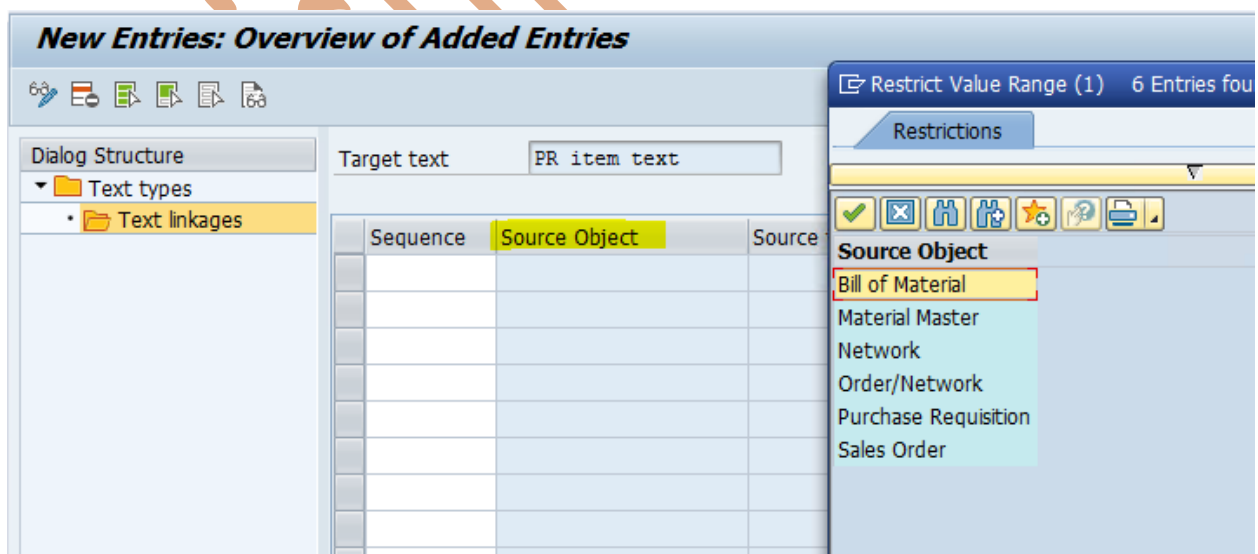
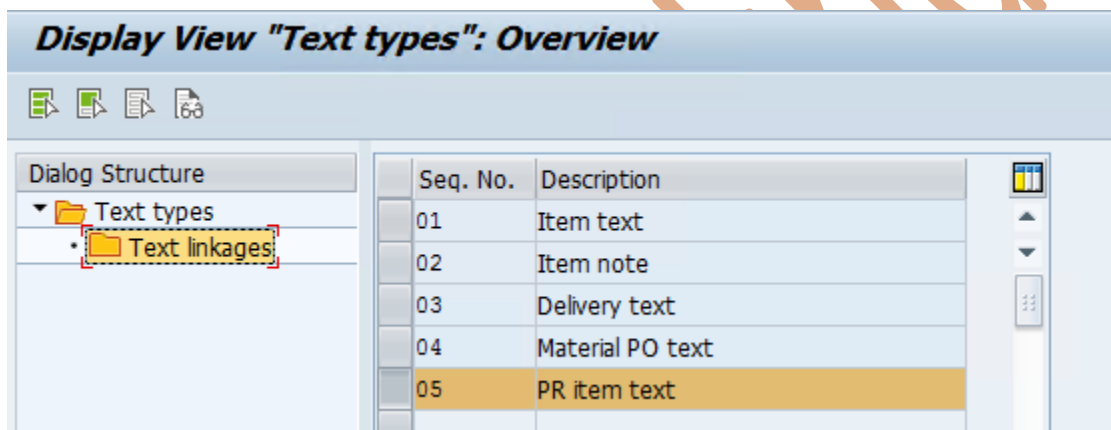
Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Change Log

Structure

- Maintain Purchasing Area
 - Prompt for workbench request
 - Create Request
 - Request: Workbench request
 - Short Description: Vaishnavi
 - Project
 - Owner: TRNE134 | Source client: 400
 - Status: New | Target
 - Last changed: 20.06.2021 07:07:51
 - Tasks: User (TRNE134)



SPRO->SAP reference IMG->Material Management->Purchasing->Purchase requisition->Texts for purchase requisition->Define Copy Rules



New Entries: Overview of Added Entries

Dialog Structure

- Text types
 - Text linkages

Target text: PR item text

Sequence	Source Object	Source text	Fix
1	Purchase Requisition		

Restrictions: Restrict Value Range (1) 5 Entries found

Restrictions

- Source text
- Delivery text
- Item note
- Item text
- Material PO text
- PR item text

New Entries: Overview of Added Entries

Dialog Structure

- Text types
 - Text linkages

Target text: PR item text

Sequence	Source Object	Source text	Fix
1	Purchase Requisition	PR item text	

Create PR with item text

Create Purchase Requisition

Document Overview On

Header note

1 Continuous-t...

St...	Item A	I	Material	Short Text	Quantity	Unit	C	Delivery Date	Matl Group	Plant	Stor. Loc.	PGR	Requisnr.	Tracking...	Vendo
	10		4500046608	TEST PR Item text	10	KG	D	20.06.2021	Spares	Plant for RUSH	Raw Mater...	RPU			

Item: 1 [10] 4500046608 , TEST PR Item text

Material Data | Quantities/Dates | Valuation | Source of Supply | Status | Contact Person | **Texts** | Delivery Address | Spec2000 / SC

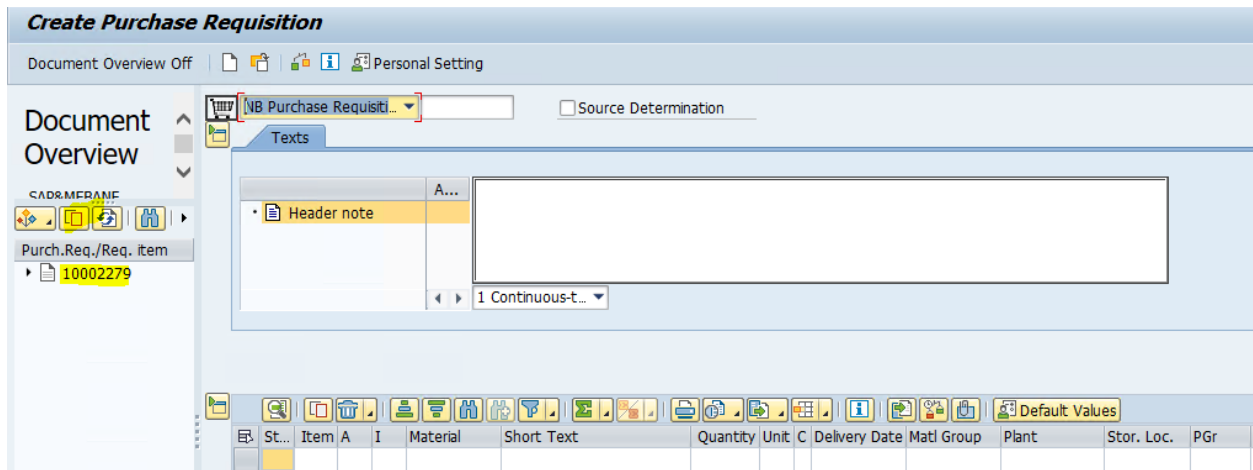
Item Texts

- Item text
- Item note
- Delivery text
- Material PO text
- PR item text

Verify PR [Item text]

1 Continuous-t...

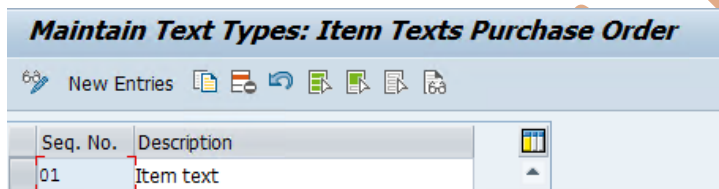
Purchase requisition number 0010002279 created



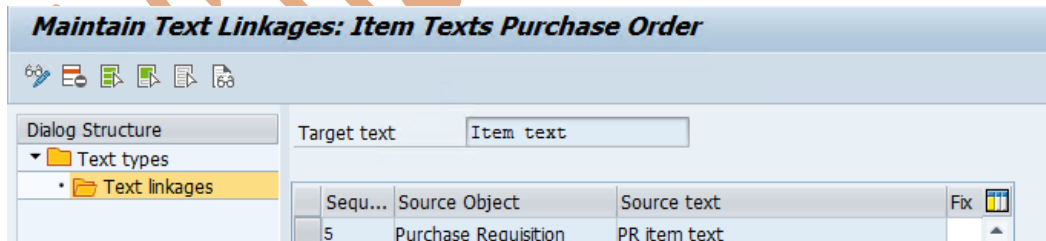
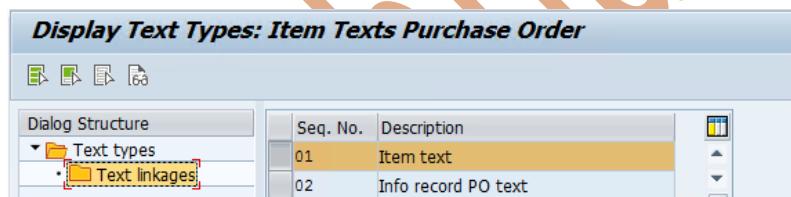
If you want your PR text data to be copied to PO item text

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Order->Texts for purchase requisition->Define Text Types for Item Texts

Here you can define new one or use existing one



SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Order->Texts for purchase requisition->Define Copying Rules for Item Texts



PR item text gets copied to PO

Create Purchase Order

Document Overview On | Hold | Print Preview | Messages | Personal Setting

NB Standard PO | Supplier: 100001041 TEST vendor for sta... | Doc. Date: 20.06.2021

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | **Org. Data** | Status | Payment Processing | Incoterms

Purch. Org. RORG Purch. Org. RUSH
Purch. Group RPU RMAT Purchase Grp
Company Code RUSH Dil Rush Private Limited

Display Scope: ALL All Items | Char. Display: []

Ex.	S.	Itm	Glo...	A	Reqmt No.	Requisitioner	T	IM	Material	Info rec.	R...	F...	T...	Purchase ...	Req...	Outline ag...	Con...	RFQ	Item	Purchasing...	Item	Iss. S.
		10												10002279	10							

Item: 1 [10] 4500046608, TEST PR Item text

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Texts | Delivery Address | Confirmations | Condition Control | R..

Item Texts: Verify PR Item text

Standard PO

Vaishnavi Jindam

Service PO

Steps to create service Purchase order:

1. Create Asset using AC01(service master)

Not necessary to have service master-this step could be optional depends on company

2. Create Purchase Order (ME21N) with account assignment category

Which could be cost center, project based service, internal, asset

3. Create Service entry sheet(SES) using ML81N

Release service entry sheet which in turn creates material document (movement type-101) and accounting documents in background

Accounting Entries:

G/L account which is entered during PO based on AAC: Debit (+)-KBS

GR/IR Clearing account: Credit (-)-WRX

4. Invoice posting (MIRO)

Accounting entries:

GR/IR Clearing account: Debit (+)-WRX

G/L account which is entered during PO based on AAC: Credit (-)-KBS

Account Assignment Category:

- Account Assignment category categories determines which financial costs will be used for direct expenses
- It is used when you want material/service to be consumed directly and if you don't want make any inventory of it and this consumption will go into expense part for this, cost centers are defined by the FICO consultant
- Material/service which are going to be purchased mainly booked at cost center level
- Each and every department is created as cost center
- Cost center is at which all cost of the particular department is booked and report can be seen by the finance person

Create Purchase Order, TCODE: ME21N

In case of Purchase order for material, all materials are listed in “Display scope” level but in case of service PO “Display scope” works as header

Enter Supplier, Purchase org, Purchase group, Company code, Account Assignment Category (AAC), **Item Category D**, short text, material group, plant, no need of storage location (there in inventory) once you enter all details item level tab gets open to maintain services here once you enter services with quantity and price then it will ask for G/L account and cost center

G/L account: value can be updated against GR/IR account

Cost center: for which particular cost object the material is grouped (because I gave AAC-K)

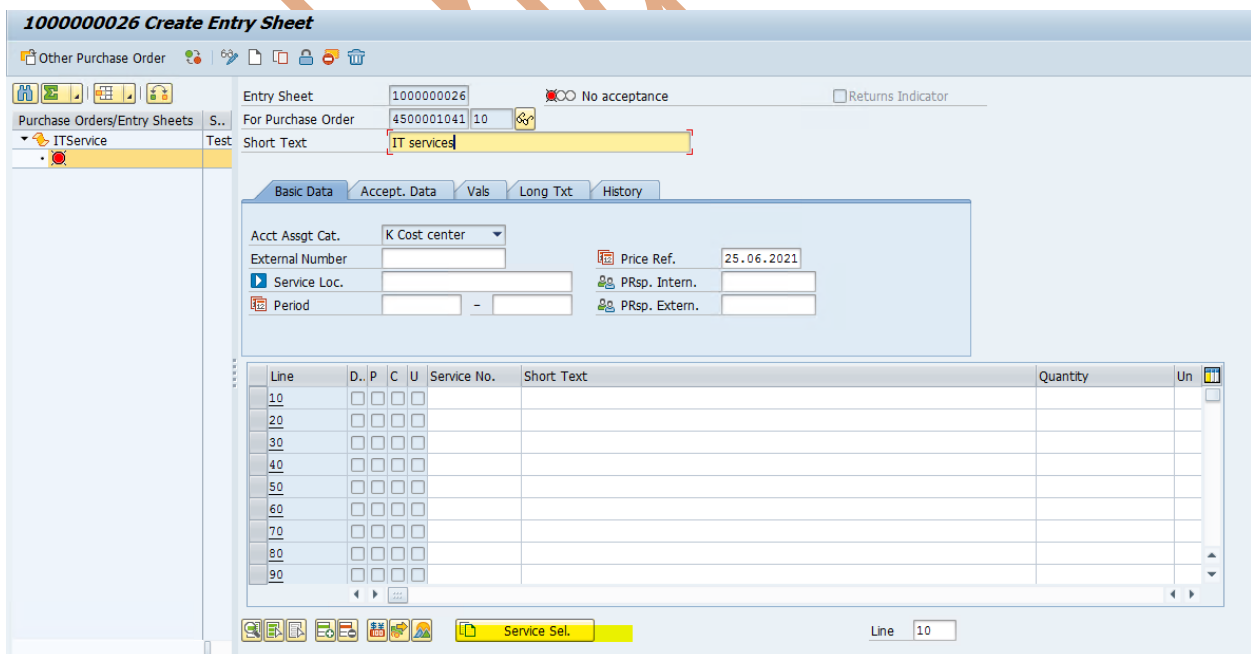
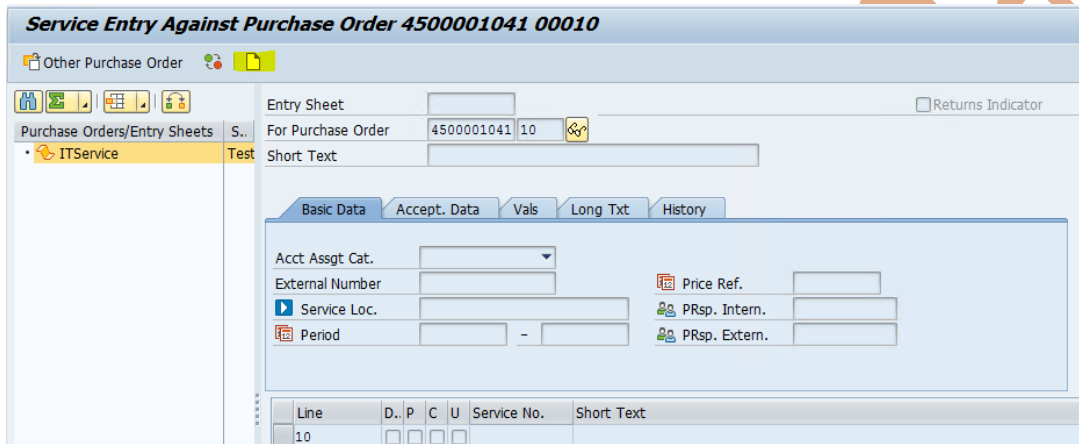
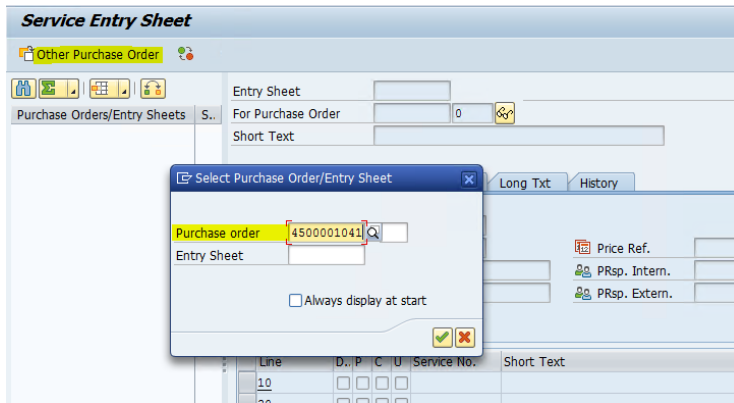
The screenshot shows the SAP 'Create Purchase Order' (ME21N) interface. The 'Header' section displays 'NB Standard PO' and 'Supplier 100001058 Test service PO'. The 'Display Scope' is set to 'ALL All Items'. The 'Item' section shows '1 [10] ITService'. The 'Account Assignment' tab is active, showing a table with columns: Line, D., Service No., Short Text, Quantity, Un, Gross Price, Crcy, Overf. Tol., and U. The table contains two rows: Line 10 (Laptop Repair Services, Quantity 5, Gross Price 90,00) and Line 20 (Desktop Repair Services, Quantity 10, Gross Price 110,00). The 'Account Assignment of Service in Line 10' dialog box is open, showing 'G/L Account' as 10010000 and 'Cost Center' as SG05001. The 'Auto repeat AA' checkbox is checked.

Click on Auto repeat AA so that it gets applied to 10 and 20 line items

The screenshot shows the SAP 'Create Purchase Order' (ME21N) interface. The 'Header' section displays 'NB Standard PO' and 'Supplier 100001058 Test service PO'. The 'Display Scope' is set to 'ALL All Items'. The 'Item' section shows '1 [10] ITService'. The 'Account Assignment' tab is active, showing a table with columns: Line, Short Text, Quantity, Un, Gross Price, Crcy, Overf. Tol., and U. The table contains two rows: Line 10 (Laptop Repair Services, Quantity 5, Gross Price 90,00) and Line 20 (Desktop Repair Services, Quantity 10, Gross Price 110,00). The 'Account Assignment of Service in Line 10' dialog box is open, showing 'G/L Account' as 10010000 and 'Cost Center' as SG05001. The 'Auto repeat AA' checkbox is checked. A confirmation message at the bottom states: 'Standard PO created under the number 4500001041'.

Create Service entry sheet (SES) - TCODE ML81N

Click on Other purchase order and enter PO number



SES is created to have a confirmation about services which are provided by vendor

We have given two services laptop and desktop. At this point of time vendor has provided laptop services so we can select line item 10 which is laptop services using service selection option and create SES

100000026 Create Entry Sheet

Other Purchase Order

Entry Sheet: 100000026 No acceptance Returns Indicator

Purchase Orders/Entry Sheets S... For Purchase Order: 4500001041 10

ITService Test Short Text: IT services

Basic Data | Accept. Data | Vals | Long Txt | History

Acct Assgt. Cat.: K Cost center

External Number: Price Ref.: 25.06.2021

Service Loc.: PRsp. Intern.

Period: PRsp. Extern.

Service Selection

- From Current Specs
- Model Service Specs
- From Purchase Order 4500001041 10 Adopt full quantity
- From Requisition
- From Purch. Document
- From SD Document
- From SD into SC Specs
- From Entry Sheet
- Class Selection

Line	D..	P	C	U	Service No.	Short Text	Quantity	Un	Gross
10						Laptop Repair Services	5	EA	90,0
20						Desktop Repair Services	10	EA	110,0
30							0,000		0,00

Select line item 10 and click on services to adopt

Select Services as Reference

Services

Sh. Text: ITService

Line	D..	Service No.	Short Text	Quantity	Un	Gross
10			Laptop Repair Services	5	EA	90,0
20			Desktop Repair Services	10	EA	110,0
30				0,000		0,00

Say out of 5 only 2 are repaired successfully

100000026 Create Entry Sheet

Other Purchase Order

Entry Sheet: 100000026 No acceptance Returns Indicator

Purchase Orders/Entry Sheets S... For Purchase Order: 4500001041 10

ITService Test Short Text: IT services

Basic Data | Accept. Data | Vals | Long Txt | History

Acct Assgt. Cat.: K Cost center

External Number: Price Ref.: 25.06.2021

Service Loc.: PRsp. Intern.

Period: PRsp. Extern.

Line	D..	P	C	U	Service No.	Short Text	Quantity	Un	Gross
10						Laptop Repair Services	2	EA	
20									
30									

In Acceptance data tab enter supplier invoice number and click on flag symbol which is Accept

100000026 Create Entry Sheet

Other Purchase Order

Entry Sheet: 100000026 ✖ No acceptance Returns Indicator

Purchase Orders/Entry Sheets: S... For Purchase Order: 4500001041 10 ⚠

ITService Test Short Text: IT services

Basic Data **Accept. Data** Vals Long Txt History

Doc. 25.06.2021
Posting 25.06.2021
Reference SIN-001
Doc. Text

Line	D.	P	C	U	Service No.	Short Text	Quantity	Un
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Laptop Repair Services	2	EA
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

100000026 Create Entry Sheet

Other Purchase Order

Entry Sheet: 100000026 ⚠ Will be accepted Returns Indicator

Purchase Orders/Entry Sheets: S... For Purchase Order: 4500001041 10 ⚠

ITService Test Short Text: IT services

Basic Data **Accept. Data** Vals Long Txt History

Acct Assgt Cat. K Cost center
External Number
Service Loc.
Period -

Price Ref. 25.06.2021
PRsp. Intern.
PRsp. Extern.

Line	D.	P	C	U	Service No.	Short Text	Quantity	Un
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Laptop Repair Services	2	EA
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			n.ooo	

Click on Save and then it gets accepted and material document gets created

100000026 Change Entry Sheet

Other Purchase Order

Entry Sheet: 100000026 ✔ Accepted Returns Indicator

Purchase Orders/Entry Sheets: S... For Purchase Order: 4500001041 10 ⚠

ITService Test Short Text: IT services

Basic Data **Accept. Data** Vals Long Txt History

Acct Assgt Cat. K Cost center
External Number
Service Loc.
Period -

Price Ref. 25.06.2021
PRsp. Intern.
PRsp. Extern.

Line	D.	P	C	U	Service No.	Short Text	Quantity	Un
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		Laptop Repair Services	2	EA
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
60	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
70	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
80	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	
90	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	

Line 10

Click on display button to see PO status and history

Standard PO 4500001041 Created by TRNE134

Document Overview On | Print Preview | Messages | Personal Setting

NB Standard PO | 4500001041 | Supplier | 100001058 Test service PO | Doc. Date | 25.06.2021

Header

Display Scope | Char. Display

S...	Itm	Glo...	A	I	Material	Short Text	PO Quantity	O...	S...	C	Delv. Date	Net Price	Curr...	Per	O...	Mat Group	Plant
	10	0	K	D		ITService		1	AU	D	25.06.2021	1.550,00	USD	1	AU	Services	Plant SG05

Add Planning

Item | 1 [10] ITService

Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Account Assignment | Purchase Order History

Sh. Text*	MVT	Material Document	Item	Posting Date	Quantity	Delivery cost quantity	OUn	Amt.in Loc.Cur.	L.cur	Qty in OPUn	Order Price Unit	Amount	Crcy	Reference
WE	101	5000000548	1	25.06.2021				193,05	USD			193,05	USD	SIN-001
Tr./Ev. Goods Receipt								193,05	USD			193,05	USD	
Lerf		1000000026		25.06.2021				193,05	USD			193,05	USD	
Tr./Ev. Service entry								193,05	USD			193,05	USD	

Check accounting entries created in MIGO click on 50000000548

Display Material Document 5000000548 - TRNE134

Show Overview | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 5000000548 | 2021

General | Vendor | Doc. info

Entered By | TRNE134 | FI Documents

Created On | 25.06.2021 08:00:03 UTC

Transaction Code | Service Entry Sheet | ML81N

Line	Mat. Short Text	V Qty in UnE	E...	Sloc	Cost Center	Profit Center	G/L Account	Stock Segment	Ba
1	IT services	1	AU		SG05001	YB700	10010000		

Material | Quantity | Where | Purchase Order Data | Partner | Account Assignment | Output

Movement type | 101 | GR for acct assgmt | Stock type | Unrestricted-Use

Plant | Plant SG05 | SG05

Unloading Point

Accounting Entries:

G/L account which is entered during PO based on AAC: Debit (+)

GR/IR Clearing account: Credit (-)

Display Document: Data Entry View

Display Currency
 General Ledger View

Data Entry View

Document Number	5000000040	Company Code	SG05	Fiscal Year	2021
Document Date	25.06.2021	Posting Date	25.06.2021	Period	6
Reference	SIN-001	Cross-Comp.No.			
Currency	USD	Texts Exist	<input type="checkbox"/>	Ledger Group	

Co...	Itm	PK	SC	Account	Description	Amount	Crcy	Tx	Transaction
SG05	1	81		10010000	Petty Cash	193,05	USD		KBS
	2	96		21120000	GR/IR	193,05	USD		WRX

TCODE: ME2N Shows header level data

Purchasing Documents per Document Number

Choose...

Purchasing document		to		
Purchasing organization	SG05	to		
Manufacturer Part No.		to		
Scope of List	BEST			
Selection Parameters		to		
Document Type		to		
Purchasing Group		to		
Plant	SG05	to		
Item Category	D	to		
Account Assignment Category		to		
Delivery Date		to		
Deadline Subm. of Quotations		to		
Validity Key Date				

Purchasing Documents by Document Number

Print Preview
 PO History
 Changes
 Delivery Schedule
 Services

PO	Type	Supplier	Name	Pgp	Order	Date			
Item	Material		Short Text		Mat. Group				
D	I	A	Plnt	SLoc	Order Qty	Un	Net Price	Curr.	per Un
		SG05			100	KG	10,00	USD	1 KG
			Still to be delivered		20	KG	200,00	USD	20,00 ₺
			Still to be invoiced		100	KG	1.000,00	USD	100,00 ₺
4500001024	NB	100001055	Vendor						001 23.06.2021
00010	540		Test Inventory Manag						10-01-01
		SG05			50	KG	10,00	USD	1 KG
			Still to be delivered		50	KG	500,00	USD	100,00 ₺
			Still to be invoiced		50	KG	500,00	USD	100,00 ₺
4500001031	NB	100001055	Vendor						001 24.06.2021
00010	541		Material						10-01-01
		SG05			100	KG	10,00	USD	1 KG
			Still to be delivered		0	KG	0,00	USD	0,00 ₺
			Still to be invoiced		100	KG	1.000,00	USD	100,00 ₺
00020	544		Material						10-01-01
		SG05			100	KG	10,00	USD	1 KG
			Still to be delivered		0	KG	0,00	USD	0,00 ₺
			Still to be invoiced		100	KG	1.000,00	USD	100,00 ₺
4500001041	NB	100001058	Test service PO						001 25.06.2021
00010			ITService						P001
		D K SG05			1	AU	1.550,00	USD	1 AU
			Still to be delivered				1.356,95	USD	87,55 ₺
			Still to be invoiced				193,05	USD	100,00 ₺

TCODE: ME2S shows line item data

PO Reporting with Services

Purchase Order Selection

Supplier: 100001058 to []

Purchasing Organization: SG05 to []

Purchasing Group: [] to []

Plant: SG05 to []

Account Assignment Category: [] to []

Purchase Order Number: [] to []

Document Date: [] to []

Start of Validity Period: [] to []

Validity Period End: [] to []

Material/Service Group: [] to []

PO Reporting with Services

Purch.Doc.	Item	Short Text	POrg	Plnt	Matl Group	Crcy	Quantity	BUn	Net Value	Entered Qty	Entered Val	Accepted Qty	Settled Val	Invoiced Qty	Invoiced Va
4500001041	10	IIService	SG05	SG05	P001	USD									
	10	Laptop Repair Servi-	5	EA		450,00			2	180,00		2	180,00	0	0,00
	20	Desktop Repair Serv--	10	EA		1.100,00			0	0,00		0	0,00	0	0,00

Service Master

Define Service Category

SPRO->SAP reference IMG->Material Management->External Services Management->Service Master->

AS03 and 0006 are standard

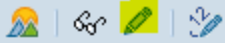
New Entries: Overview of Added Entries

SrvCat	OrgSrvCat	Ex	ARef	Service Cat. Desc.
S01	AS03	<input type="checkbox"/>	0006	Maintainance Services

Define Number Ranges

SPRO->SAP reference IMG->Material Management->External Services Management->Service Master->Define Number Ranges

Edit Intervals: Service Master, Object LEISTUNG



Number Range Object LEISTUNG Cross-Application Service Master

Intervals
Intervals
NR Status

Change Groups: Service Master, Object LEISTUNG



Interval	Interval	Group text
Element	Element	Text
Non-Assigned Elements		
S01		Maintanance Services
01	02	Activity 01
ALL		Complete service
GRND		Basis service
SERV		Service: purchasing
03	04	Activity 02

Edit Intervals: Service Master, Object LEISTUNG



Group Maintanance

Object LEISTUNG

Ranges				
Number Range No.	From No.	To Number	NR Status	External
06	000000000005000000	000000000005999999	0	<input type="checkbox"/>

Change Groups: Service Master, Object LEISTUNG



Interval	Interval	Group text
Element	Element	Text
Non-Assigned Elements		
S01		Maintanance Services
01	02	Activity 01
ALL		Complete service
GRND		Basis service
SERV		Service: purchasing
03	04	Activity 02
06		Maintanance

Group Selection		
Number range number	Number range number	Group text
01	02	Activity 01
03	04	Activity 02
06		Maintanance
		Non-Assigned Elements

Change Groups: Service Master, Object LEISTUNG



Interval, Interval, Group text		
Element	Element	Text
Non-Assigned Elements		
01	02	Activity 01
ALL		Complete service
GRND		Basis service
SERV		Service: purchasing
03	04	Activity 02
06		Maintanance
S01		Maintainance Services

Define Number Ranges for Service Entry Sheet

SPRO->SAP reference IMG->Material Management->External Services Management->Number ranges-> Define Number Ranges for Service Entry Sheet

Edit Intervals: Entry sheet, Object SERVICES3



Number Range No.	From No.	To Number	NR Status	External
01	1000000000	1999999999	1000000026	<input type="checkbox"/>
02	2000000000	2999999999	0	<input type="checkbox"/>

Assign Number Ranges

SPRO->SAP reference IMG->Material Management->External Services Management->Number ranges-> Assign Number Ranges

Change View "External Services Management: Number Ranges": Overview



No. Range for Package	No. Range for Entry Sheet
01	02

Define Attributes of System Messages

SPRO->SAP reference IMG->Material Management->External Services Management->Define Attributes of System Messages

The messages we are getting in SES creation are defined here

Change View "System messages": Overview

New Entries

Version	Appl.A.	No.	Message text	Cat.
00	SE	035	Informatory line in item &1 &2 is not supported in external system	W
00	SE	036	Line with blank quantity in item &1 &2 not supported in external syst...	W
00	SE	037	Basic line in item &1 &2 is not supported in external system	
00	SE	038	Alternative line in item &1 &2 is not supported in external system	
00	SE	134	Service &: please enter a price	W
00	SE	182	Entry must be within validity period of purchase order (& - &)	
00	SE	346	Quantity entered \$ exceeds target quantity \$ in contract	W
00	SE	347	Total value entered (\$) exceeds target value in contract (\$)	W
00	SE	361	Service not included in contract	W
00	SE	362	Service not included in purchase order	W
00	SE	363	Quantity entered \$ exceeds quantity \$ in purchase order	E
00	SE	364	No overall limit of & for unplanned services exists	E
00	SE	365	No limit for unplanned services amounting to & exists	E
00	SE	366	No limit for unplanned services amounting to & exists	E
00	SE	421	Quantity entered \$ exceeds quantity \$ in order	E
00	SE	422	Control for unplanned services in SD measurement list	E

Define Screen Layout

SPRO->SAP reference IMG->Material Management->External Services Management->Define Screen Layout

Change View "Customizing View for Service: Field Selection": Overview

New Entries

FSEL	Description	Field selection string 1	Field selection string 2
1	Purchase Requisition	.....	.....
2	Request for Quotation	.....	.....
3	Quotation	.....	.....
4	Purchase Order	.....	.....
5	Entry	.....	.....
7	Contract	.....	.....
8	Operation	.....	.....
9	Model Service Specifications	.....	.....
AN	RFQ Document Type	.....	.....
B	Release Indicator	.....	.....
CM21	Create Network	.....	.....
IW31	Create PM Order	.....	.....
ME21	Create Purchase Order	.....	.....
ME22	Change Purchase Order	.....	.....
ME23	Display Purchase Order	.....	.....
ME31	Create Contract	.....	.....

Define Release procedure for service entry sheets

SPRO->SAP reference IMG->Material Management->External Services Management->Define Release procedure for service entry sheets (which is same we have for PO)

Create Service TCODE: AC01

Click on create new service and enter below details then save

Display Service 500000

Other Service | Expand All | Collapse All

Activity number: 5000000 Cooler Repair

Service Category: S01 Maintenance Services

Base Unit of Measure: EA each

Basic Data

Mat./Srv.Grp		Authorization Group	
Division		Tax Indicator	
Valuation Class			
Formula			
Graphic			
Tax Tariff Code			

Created 5000000

Create PO TCODE: ME21N

Create Purchase Order

Document Overview On | Hold | Print Preview | Messages | Personal Setting

NB Standard PO | Supplier: 100001058 Test service PO | Doc. Date: 25.06.2021

Header

Display Scope: ALL All Items | Char. Display

S. Itm	Glo...	A I	Material	Short Text	PO Quantity	O...	S. C	Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
10	K D			Maintenance Services		1 AU	D	25.06.2021	1.500,00 USD	USD	1	AU	Services	Plant SG05

Item: 1 [10] Maintenance Services

Services | Limits | Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Account Assignment | Texts | Delivery Addr...

Line	D.	Service No.	Short Text	Quantity	Un	Gross Price	Crcy	Overf. Tol.	U Cost Center
10		5000000	Cooler Repair	5	EA	300,00	USD		SG05001

Standard PO created under the number 4500001042

Here Po quantity and Unit of Entry-AU (Activity Unity) Came automatically because of below configuration

SPRO->SAP reference IMG->Material Management->External Services Management->Source Determination at Default Values->for Client

We can make material group to be come as default here

Change View "Default Values: Services": Details

Line No. Increment in Serv. Specifications: []

Default Material Group at Item Level: []

Unit of Measure at Item Level: AU

Follow-On Processing for Purchase Requisition

Ignore Requisition Price in PO

Automatic PO Generation for Service Requisitions

Reduction of Purchase Requisition Commitment Value

Check Service master in AC06

List Display: Service Master: Selection of Services

Service selection

Activity number

Service Category S01 to

Service Short Text

List Display: Service Master: List of Services

Service

S...	Activity number	Service Short Text	Unit
<input type="checkbox"/>	5000000	Cooler Repair	EA

Create SES TCODE: ML81N

200000000 Display Entry Sheet

Other Purchase Order

Entry Sheet 200000000 Accepted Returns Indicator

For Purchase Order 4500001042 10

Short Text

Acct. Assgt. Cat. K Cost center

External Number

Price Ref. 25.06.2021

Service Loc.

PRsp. Intern.

Period -

PRsp. Extern.

Line	D.	P	C	U	Service No.	Short Text	Quantity	Un
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5000000	Cooler Repair	5	EA
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			0,000	

Click on display button to check PO status and history

Standard PO 4500001042 Created by TRNE134

Document Overview On Print Preview Messages Personal Setting

NB Standard PO 4500001042 Supplier 100001058 Test service PO Doc. Date 25.06.2021

Header

Display Scope ALL All Items Char. Display

EP	S...	Item	Glo...	A	I	Material	Short Text	PO Quantity	O...	S...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plant
		10	0	K	D		Maintenance Services		1	AU	D	25.06.2021	1.500,00	USD	1	AU	Services	Plant SG05

Item 1 [10] Maintenance Services

Services Limits Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Account Assignment Purchase Order History



Sh. Text	MvT	Material	Document	Item	Posting Date	Quantity	Delivery cost	quantity	OU	Amount	in Loc.	L.cur	Quantity	in OPU	DelCostQty	(OPUn)	Order Price	Unit	Amount	Cr
WE		101	5000000549		1	25.06.2021				1.608,75	USD								1.608,75	US
Tr./Ev. Goods Receipt																				
										1.608,75	USD								1.608,75	US
										1.608,75	USD								1.608,75	US
Tr./Ev. Service entry																				
										1.608,75	USD								1.608,75	US

Accounting Entries:

G/L account which is entered during PO based on AAC: Debit (+)


GR/IR Clearing account: Credit (-)

Display Document: Data Entry View

 Display Currency
  General Ledger View

Data Entry View

Document Number	5000000041	Company Code	SG05	Fiscal Year	2021
Document Date	25.06.2021	Posting Date	25.06.2021	Period	6
Reference		Cross-Comp.No.			
Currency	USD	Texts Exist	<input type="checkbox"/>	Ledger Group	










Co...	Itm	PK	SC	Account	Description	Amount	Crcy	Tx	Trans.
SG05	1	81		10010000	Petty Cash	1.608,75	USD		KBS
	2	96		21120000	GR/IR	1.608,75-	USD		WRX



We enter tax code at PO level and for service order level under Invoice tab

Means material PO GR based IV should ticked

In Case of Service level PO S-based IV should ticked this we can select while creating vendor



Display Organization: 100001054, role Supplier (Fin.Accounting)

 Person
  Organization
  Group
  General Data
  Company Code
  Purchasing
  Relationships

Business Partner: 100001054  Test Pricing Procedure with contract / California
 Display in BP role: BPCCPR Supplier (Fin.Accou... 

Purchasing Organization

Purch. organization: ORG1 Purch. Org. ORG1

 Purchasing Organizations
 Switch Organization

Purchasing Data | Additional Purchasing Data | Vendor: Texts | Supply Region

Control Data

ABC indicator	<input type="checkbox"/>
Shipping Conditions	<input type="checkbox"/>
GR-Based Inv. Verif.	<input type="checkbox"/>
Grant Free Goods	<input type="checkbox"/>

Additional Control Data

PROACT control prof	<input type="checkbox"/>
Srv.-Based Inv. Ver.	<input type="checkbox"/>
Subseq. settlement	<input type="checkbox"/>

Standard PO 4500001042 Created by TRNE134

Document Overview On Messages Personal Setting

NB Standard PO 4500001042 Supplier 100001058 Test service PO Doc. Date 25.06.2021

Header

Display Scope ALL All Items Char. Display

S..	Itm	Glo...	A	I	Material	Short Text	PO Quantity	O...	S...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
	10	0	K	D		Maintenance Services		1	AU	D 25.06.2021	1.500,00	USD	1	AU	Services	Plant SG05

Item 1 [10] Maintenance Services

Services Limits Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Account Assignment Purchase Order History

Inv. Receipt
 Final Invoice
 GR-Bsd IV
 IS--Based IV
 DP Category

Tax Code I1 Taxes
Jurisd. Code CA00000000

Tax code which is present in Invoice tab will be applicable to all the services listed in line item level. If you want to have separate tax tab for each service double click on Cooling Repair, one window open then you can have tax tab

Standard PO 4500001042 Created by TRNE134

Document Overview On Messages Personal Setting

NB Standard PO 4500001042 Supplier 100001058 Test service PO Doc. Date 25.06.2021

Header

Display Scope ALL All Items Char. Display

S..	Itm	Glo...	A	I	Material	Short Text
	10	0	K	D		Maintenance Services

Item 1 [10] Maintenance Services

Services Limits Material Data Quantities/Weights Delivery S

Line	D..	Service No.	Short Text
10		5000000	Cooler Repair
20			
30			
40			
50			
60			
70			
80			
90			
100			

Display Service Details

Line No. 10 Delet. Ind.

Service 5000000 Cooler Repair

SSC Item 0

Basic Data Stats User-Defined FrmL Line Type

Price and Quantity Fields

Quantity 5 EA

Overf. Tol. 0,0 Unlimited

Price 300,00

Net Value 1.500,00 USD

Additional Fields

Ext. Srv. No. Line ID

Subcontractor group

Print Settings

Print Print Service Line

To get the tax tab go to below path

SPRO->SAP reference IMG->Material Management->External Services Management->Define Screen layout

Double click on purchase order

Here if you could see we have entered two service items in Display scope level

The screenshot shows the 'Create Purchase Order' window. The 'Display Scope' is set to 'ALL All Items'. Two items are listed in the table below:

Item	Material	Short Text	PO Quantity	UoM	Delv. Date	Net Price	Per	Matl Group	Plant
10	ITService	ITService	1	AU	25.06.2021	450,00 USD	1	AU Services	Plant SG05
20	Maintenance Services	Maintenance Services	1	AU	25.06.2021	550,00 USD	1	AU Services	Plant SG05

✓ Standard PO created under the number 4500001044

Here we could create individual entry sheet for these two services but we can have more than one service line items for each service item

If you go to ML81N we can enter Po number against each service item 10 or 20

The screenshot shows the '2000000000 Display Entry Sheet' window. A dialog box titled 'Select Purchase Order/Entry Sheet' is open, showing the following fields:

- Purchase order: 4500001044
- Entry Sheet: (empty)
- Always display at start:

The background window shows the 'Entry Sheet' for purchase order 4500001044, with a table of service items:

Line	D.	P	C	U	Service No.	Short Text
10					ITService	ITService
20					Maintenance Services	Maintenance Services

Table level check:

The screenshot shows the 'EKPO: Display of Entries Found' window. The search criteria are:

- Search in Table: EKPO
- Number of hits: 2
- Runtime: 00:00:01
- Maximum no. of hits: 500

The search results table is as follows:

Purchasing Doc.	Item	Document Item	D	S	Changed On	Short Text	Material	Material CoCode	Plant	SLoc	TrackingNo	Matl Group	Info rec.	Package number
4500001044	10	450000104400010			25.06.2021	ITService		SG05	SG05			P001		238
4500001044	20	450000104400020			25.06.2021	Maintenance Services		SG05	SG05			P001		240

ESLL: Display of Entries Found



Search in Table Lines of Service Package
 Number of hits
 Runtime Maximum no. of hits

Insert Column

Number	Line	Line D	Activity	Level	Out.level	S	Package	ST	Edn.	SSC Item	Ext. Serv.	Quantity	Unit	Overfulf.
238	1				0		X							0,0

ESLL: Display of Entries Found



Search in Table Lines of Service Package
 Number of hits
 Runtime Maximum no. of hits

Insert Column

Number	Line	Line D	Activity	Level	Out.level	S	Package	ST	Edn.	SSC Item	Ext. Serv.	Quantity	Unit	Overfulf.	Unlimited U	CUpdate	Per	Gross	Net Value	From Line	To Line	Short Text	
239	2	10			0							5	EA	0,0				1	450,00	450,00			Laptop Repair Services

ESLL: Display of Entries Found



Search in Table Lines of Service Package
 Number of hits
 Runtime Maximum no. of hits

Insert Column

Number	Line	Line D	Activity	Level	Out.level	S	Package	ST	Edn.	SSC Item	Ext. Serv.	Quantity	Unit	Overfulf.	Unlimited U	CUpdate	Per	Gross	Net Value	Fr	
240	42				0		X							0,0				0	0,00	0,00	1

ESLL: Display of Entries Found



Search in Table Lines of Service Package
 Number of hits
 Runtime Maximum no. of hits

Insert Column

Number	Line	Line D	Activity	Level	Out.level	S	Package	ST	Edn.	SSC Item	Ext. Serv.	Quantity	Unit	Overfulf.	Unlimited U	CUpdate	Per	Gross	Net Value	From Line	To Line	Short Text	
241	43	10			0							5	EA	0,0				1	550,00	550,00			Desktop Repair Services

ESSR: Display of Entries Found

Search in Table: Service Entry Sheet Header Data

Number of hits:

Runtime: Maximum no. of hits:

Insert Column:

Entry Sheet	Ext. No.	Created	Created on	Changed On	Change	PersRspInt	PersRspExt	Location	Ref. Date	Period End	Gross Val.	Unplanned	Unpl. Val.	Crcy	Number	Short Text	Purchasing Doc.	Item D	Acc
1000000026		TRNE134	25.06.2021	25.06.2021	TRNE134				25.06.2021		180,00	0,00	0,00	USD	222	IT services	4500001041	10	X
2000000000		TRNE134	25.06.2021	25.06.2021	TRNE134				25.06.2021		1.500,00	0,00	0,00	USD	228		4500001042	10	X

ESSR: Display of Entries Found

Search in Table: Service Entry Sheet Header Data

Number of hits:

Runtime: Maximum no. of hits:

Insert Column:

Entry Sheet	Ext. No.	Created	Created on	Changed On	Change	PersRspInt	PersRspExt	Location	Ref. Date	Period End	Gross Val.	Unplanned	Unpl. Val.	Crcy	Package number	Short Text	Purchasing Doc.	Item D	Acc
1000000026		TRNE134	25.06.2021	25.06.2021	TRNE134				25.06.2021		180,00	0,00	0,00	USD	222	IT services	4500001041	10	X
2000000000		TRNE134	25.06.2021	25.06.2021	TRNE134				25.06.2021		1.500,00	0,00	0,00	USD	228		4500001042	10	X

Pick G/L account automatically when creating service PO

We can enter valuation class in AC01 then OBYC->GBB->assign G/L account for valuation class 3200

Change Service 5000000

Other Service Expand All Collapse All

Activity number: 5000000 Cooler Repair

Service Category: S01 Maintenance Services

Base Unit of Measure: EA each

Valuation Class:

Valuation Class (5) 6 Entries found

ValCl Description
3200 Purchased Services
3300 General Services
3410 Accommodation
3420 Airfare
3430 Ground Transportation
3440 Travel Expenses Misc



Consignment PO

In the consignment process, say material is send by the vendor and it is kept at company premises here ownership of this material is lies with the vendor

For example usually we raise the purchase requisition of 100 quantities and do the purchase order of 100 quantities and receive the goods receipt for these 100 quantities here ownership lies with you then you do invoice posting

In consignment process, once you received the goods receipt you don't pay the vendor for received 100 quantities because ownership is lies with vendor

Going forward either you consume it or transfer ownership from vendor to yours. Depends on the quantity you received/consume accordingly you pay to vendor after settlement with vendor, here ownership lies with you once you pay to the vendor depends on how much quantity you consumed.

Steps involved in consignment process:

1. Create consignment purchase info records (TCODE: ME11)
2. Create consignment Purchase order with item category K (TCODE: ME21N)
3. Create Goods Receipt (TCODE:MIGO)

No accounting entries (special stock) here though goods received still ownership lies with vendor and material is shown in vendor consignment not in storage location

The stock which is present in vendor consignment is knows as special stock

4. Based on material consumption or transfer to own stock using TCODE:MIGO

Either you consume some quantity from special stock or transfer ownership of whole stock from vendor to yours

Accounting entries:

Consignment G/L account credit (-)-KON

Stock account debit (+)-BSX

Here in both cases ownership lies with you as you consumed so accounting entries generated

5. Create condition records (TCODE:MRM1) with output type KONS
6. Settlement (TCODE:MRKO)

Accounting entries:

Vendor account credit (-)-KBS

Consignment G/L account debit (+)-KBS

Depends on how many quantities consumed you do settlement with vendor

Purchase Order

1 Define Number ranges

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase order->Define Number ranges

Edit Intervals: Purchasing document, Object EINKBELEG

Number Range No.	From No.	To Number	NR Status	External
54	5000020000	5000029999	0	<input type="checkbox"/>

2. Define Document Type

SPRO->SAP reference IMG->Material Management->Purchasing->Purchase Order->Define Document Type

Copy from standard document type NB and assign number range 54 to CPO

Document Types Purchase order Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	Fi
MPO	Standard PO	10	51			SAP	NI
NB	Standard PO	10	45	41		SAP	NI
NB2	Enh.Ret.to Supplier	10	45	41		SAP	NI
UB	Stock Transp. Order	10	45	41		SAP	UI
UD	StockTranspOrderDel	10	45	41		SAP	UI

Document Types Purchase order Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	Fi
CPO	Consignment PO	10	54			SAP	NI
MPO	Standard PO	10	51			SAP	NI
NB	Standard PO	10	45	41		SAP	NI
NB2	Enh.Ret.to Supplier	10	45	41		SAP	NI

Select CPO and click on Allowed Item categories to define item category for CPO document type

Document Types Purchase order Change

Type	Doc. Type Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeALE	Upda...	Fi
CPO	Consignment PO	10	54			SAP	NI
MPO	Standard PO	10	51			SAP	NI
NB	Standard PO	10	45	41		SAP	NI
NB2	Enh.Ret.to Supplier	10	45	41		SAP	NI

Assigned standard procurement to PO document type CPO (Consignment PO)

Admissible Item Categories for Document Type CPO Consignment PO

New Entries

Dialog Structure

- Document types
 - Allowed item categories
 - Link purchase requisition - document type
 - Serial number profiles

ItCat.	Text for Item Cat.
K	Consignment

Material 4500046610 created

Material 4500046610 created

Business partner 100001043 created

Business partner 100001043 created

Create Purchase Infor Record for consignment ME11

Create Info Record: Initial Screen

Supplier: 100001043
 Material: 4500046610
 Purchasing Org.: RORG
 Plant: RDIL
 Info record:

Info category

- Standard
- Subcontracting
- Pipeline
- Consignment

Create Info Record: Purch. Organization Data 1

General Data Conditions Texts

Info record:

Supplier: 100001043 test consignment po
 Material: 4500046610
 Material Group: 10-01-01 Spares
 Purchasing Org.: RORG Plant: RDIL Consignment

Control

Pl. Deliv. Time: 10 Days Tol. Underl. \$ No MText
 Purch. Group: RPU Tol. Overdl. \$ Ackn. Rqd
 Standard Qty: 20 KG Unlimited Conf. Ctrl:
 Minimum Qty: 10 KG GR-Bsd IV
 Rem. Shelf Life: D No ERS
 Shippg Instr.:

Max. Quantity: 30 KG Procedure: UoM Group:
 Rndg Prof.: RMA Req.:
 Tax Code: Auto.Srcg

Conditions

Net Price: 250 INR / 1 KG Valid to:
 Effective Price: 0,00 INR / 1 KG No Cash Disc.
 Qty Conv.: 1 KG <-> 1 KG Cond. Grp:
 Pr. Date Cat.: No Control
 Inco. Version:

Purchasing info record 5300000424 RORG K RDIL created

Purchasing info record 5300000424 RORG

K RDIL created

Here when we are creating consignment PO while doing GR it will not consider net prices and no accounting entries gets created and we don't have any condition tab at item level

Consignment PO created under the number 5000020000

Consignment PO created under the

number 5000020000

Check in MMBE

Goods receipt MIGO

No accounting entries gets generated

Goods Receipt Purchase Order 5000020000 - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R01 Purchase Order | GR goods receipt | 101

General | Vendor | **Doc. info**

Document Date: 20.06.2021 | Delivery Note: 5000020000 | Supplier: test consignment po
 Posting Date: 20.06.2021 | Bill of Lading: | HeaderText: |
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E... S...	Sloc	Stock Segment	Batch	Valuation ...	M...	D Stock Type	Pir
1	test consignment po	<input type="checkbox"/>	10	KG					101 +	Unrestrict...	Pl

Material | Quantity | Where | Purchase Order Data | Partner

Movement type: 101 | GR for consgt stock | Stock type: Unrestricted-Use

Vendor: test consignment po | 100001043
 Plant: Plant for RUSH | RDIL
 Storage location: RB01
 Goods Recipient: |
 Unloading Point: |

Material document 5000000531 posted Material document 5000000531 posted

Display Material Document 5000000531 - TRNE134

Show Overview | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 5000000531 | 2021

General | Vendor | **Doc. info**

Entered By: TRNE134 | **FI Documents**
 Created On: 20.06.2021 10:29:00 UTC
 Transaction Code: Goods Movement | MIGO_GR

Line	Mat. Short Text	V	Qty in UnE	E... Sloc	Stock Seg
1	test consignment po	<input type="checkbox"/>	10	KG Raw Material	

No subsequent document found in Accounting

SAP | ES1 (3) 400 | s4h2020 | INS

Stock Overview: Basic List

Selection

Material: 4500046610
test consignment po
Material Type: RMAT Raw materials-RMAT
Unit of Measure: KG Base Unit of Measure: KG

External Manufacturer: []

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock Unrestricted use Qual. inspection Reserved Rcpt reservation On-Order Stock Consigt ...

Full

- RUSH DI Rush Private Limited
 - RDIL Plant for RUSH
 - RB01 Raw Material
 - Vendor Consignment 10,000

Vendor Consignment

Supplier No.	Supplier Name	Stock Type	Stock
100001043	test consignment po	Unrestricted use	10,000
		Qual. inspection	0,000
		Blocked	0,000
		Restricted-use	0,000

I would like to consume 2 quantities for that am transferring 2 quantities from **vendor consignment to storage location** hence I will be paying the payment against these 2 quantity to vendor

Transfer Posting - Movement Type 411 K

Transfer Posting Other - TRNE134

Show Overview | Hold | Check | Post | Help

A08 Transfer Posti... | R10 Other | TP consgmt to own 411 K

General

Document Date: 20.06.2021 | Material Slip: []
Posting Date: 20.06.2021 | Doc.Header Text: []
 2 Individual Slip wit...

Transfer Posting | Material | Quantity | Where | Account Assignment

From		Dest	
Material	test consignment po	test consignment po	
	4500046610	4500046610	
Plant	Plant for RUSH RDIL	Plant for RUSH RDIL	
Stor. Loc.	Raw Material RB01	Raw Material RB01	
Spec.Stock	K Supplier Consignment		
	test consignment po 100001043		
Qty in UnE	2 KG		

Transfer Posting Other - TRNE134

Show Overview | Hold | Check | Post | Help

A08 Transfer Posti... | R10 Other | TP consgmt to own 411 K

General

Document Date 20.06.2010
Posting Date 20.06.2010
2 Individual Slip with

Transfer Posting

From

Display logs

Typ	Item	Message text	Ltxt
		There is no item category assigned to account 5504/CHAC	?

Buttons: [OK] [Cancel] [Print] [Refresh] [Stop] [Error] [Warning] [Info] [Close]

SPRO->SAP reference IMG->Financial accounting->General Ledger accounting->Business Transactions->Document Splitting->Classify G/L accounts for Document Splitting

Determine Work Area: Entry

Field Name	Work Area
Chart of Accounts	CHAC

Buttons: [OK] [Further select cond.] [Append] [Cancel]

Master Data

New Entries: Overview of Added Entries

Chart of Accts CHAC

Acct From	Account To	Overrd.	Cat.	Description
5504	5504	<input type="checkbox"/>	03100	Vendor: Special G/L Transaction

Material document 4900000965 posted

Display Material Document 4900000965 - TRNE134

Show Overview | | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 4900000965 | 2021 |

General | **Doc. info**

Entered By: TRNE134
 Created On: 20.06.2021 10:53:04 UTC
 Transaction Code: Transfer Posting MIGO_TR

Transfer Posting | **Material** | **Quantity** | **Where** | **Output**

From		Dest	
Material	test consignment po 4500046610	Material	test consignment po 4500046610
Plant	Plant for RUSH RDIL		
Stor. Loc.	Raw Material RB01		Raw Material RB01
Spec.Stock	<input checked="" type="checkbox"/> Supplier Consignment		
	test consignment po 100001043		
Qty in UnE	2 KG		

Display Material Document 4900000965 - TRNE134

Show Overview | | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 4900000965 | 2021 |

General | **Doc. info**

Entered By: TRNE134
 Created On: 20.06.2021 10:53:04 UTC
 Transaction Code: Transfer Posting MIGO_TR

Transfer Posting | **Material** | **Quantity** | **Where** | **Output**

From		Dest	
Material	test consignment po 4500046610	Material	test consi... 4500046610
Plant	Plant for RUSH RDIL		
Stor. Loc.	Raw Material RB01		Raw Mater...
Spec.Stock	<input checked="" type="checkbox"/> Supplier Consignment		
	test consignment po 100001043		

List of Documents in Accounting

Document	Object type text
4900000000	Accounting document
A0004C6K00	Material ledger

Separate Original document

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number	4900000000	Company Code	RUSH	Fiscal Year	2021
Document Date	20.06.2021	Posting Date	20.06.2021	Period	6
Reference		Cross-Comp.No.			
Currency	INR	Texts Exist	<input type="checkbox"/>	Ledger Group	



Co...	Itm	PK	SC	Account	Description	Amount	Crcy	Tx	Transaction
RUSH	1	91		5504	Consignment G/L acc	500,00-	INR		KON
	2	89		5500	Stock Account	500,00	INR		BSX

Stock Overview: Basic List**Selection**

Material	4500046610	test consignment po	External Manufacturer	
Material Type	RMAT	Raw materials-RMAT		
Unit of Measure	KG	Base Unit of Measure	KG	

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	2,000					
RUSH DI Rush Private Limited	2,000					
RDIL Plant for RUSH	2,000					
RB01 Raw Material	2,000					
Vendor Consignment	8,000					

Before making payment create condition records TCODE: MRM1 with output type KONS or using TCODE NACE

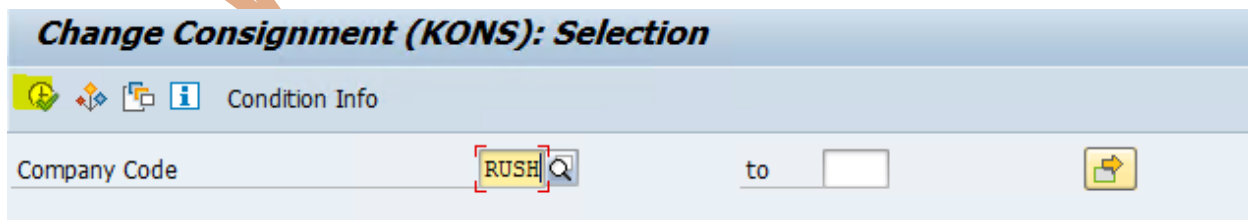
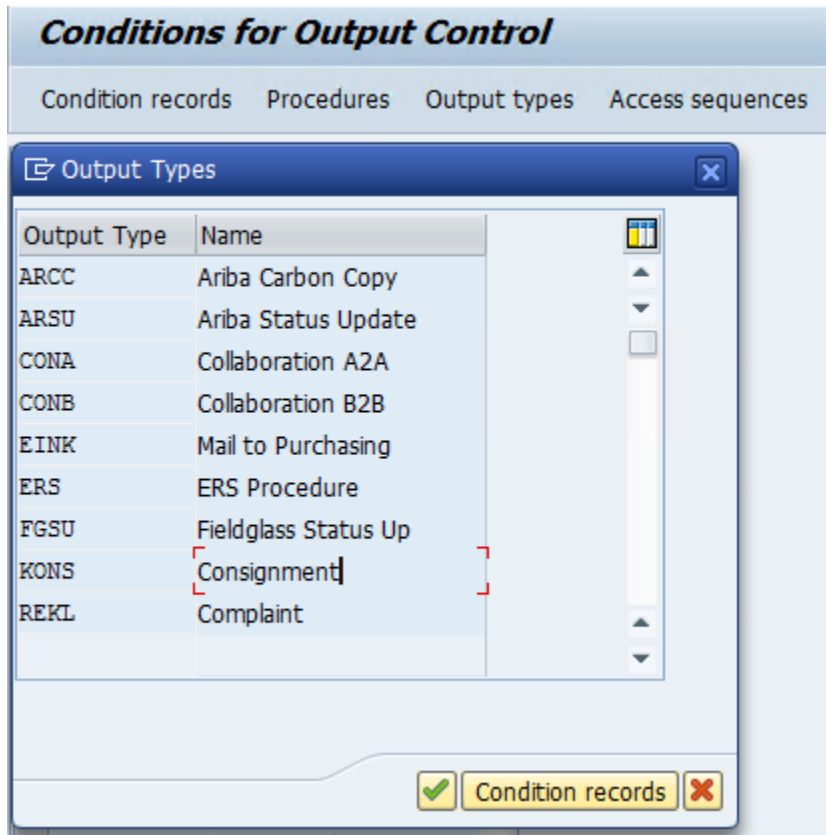
Go to TCODE: NACE

Conditions for Output Control



Condition records Procedures Output types Access sequences

Application	Description
CF	Error Control
CV	Document Management
E1	Inbound Delivery
EA	Purchasing RFQ
EF	Purchase Order
EL	Purch. SchAgrRelease
EM	ReleasePartnerMail
ES	Entry Sheet
EV	Purch.Outline Agr.
K1	Sales activities
M1	Rough Goods Receipt
MD	Direct Procurement
ME	Inventory Management
MR	Invoice Verification

Double click



Change Condition Records (Consignment): Fast Change

Communication  



Condition Recs.

Co...	Name	Funct	Partner	M...	Da...	Lan...
RUSH	1 Rush Private Limited	PI		1	3	EN

In the same way u can create in TCODE MRM1

Settlement TCODE: MRKO

Consignment and Pipeline Settlement

Selection

Company Code: RUSH to

Supplier: 100001043 to

Plant: to

Material: to

Document Date: to

Posting Date: to

Material Document: to

Consignment
 Pipeline

Processing

Display
 Settle













Display Options

Withdrawals Not Settled
 Settled Withdrawals

Document Number: to

Layout:

Consignment and Pipeline Settlement

Info Record Messages            

CoCode	Supplier	Material Doc.	MatYr	Item	Doc. Date	Plant	Material	Qty	Withdr	Un	Amount	Crcy	DocumentNo	Year	Item	Information text	PUoM	Qty	PUn	Qty	PUn	EUn	PUn	EUn
RUSH	100001043	4900000965	2021	1	20.06.2021	RDIL	4500046610	2	KG	500,00	INR					No tax information found								

Make sure to give tax code in PIR

Change Info Record: Purch. Organization Data 1

General Data Conditions Texts

Info record 5300000424

Supplier 10001043 test consignment po

Material 4500046610

test consignment po

Material Group 10-01-01 Spares

Purchasing Org. RORG Plant RDIL Consignment

Control

Pl. Deliv. Time 10 Days Tol. Underl. % No MText

Purch. Group RPU Tol. Overdl. % Ackn. Rqd

Standard Qty 20 KG Unlimited Conf. Ctrl

Minimum Qty 10 KG GR-Bsd IV

Rem. Shelf Life D No ERS

Shippg Instr.

Max. Quantity 30 KG Procedure UoM Group

Rndg Prof. RMA Req.

Auto.Srcg

Tax Code I0

Conditions

Net Price 250,00 INR / 1 KG Valid to 31.12.9999

Effective Price 250,00 INR / 1 KG No Cash Disc.

Qty Conv. 1 KG <-> 1 KG Cond. Grp

Pr. Date Cat. No Control

Inco. Version

Consignment and Pipeline Settlement

Info Record Messages

CoCode	Supplier	Material	Doc.	MatYr	Item	Doc.	Date	Plant	Material	Qty	Withdr	Un	Amount	Crcy	DocumentNo	Year	Item	Information text	PUoM	Qty	PUn	Qty	PUn	EUn	PUn	EUn
RUSH	10001043	4900000965		2021	1	20.06.2021		RDIL	4500046610	2	KG	500,00	INR	5200000000	2021	2	Document created									

Here I choose tax exempt that I did not find entry for tax

Display Document: Data Entry View

Data Entry View

Document Number	5200000000	Company Code	RUSH	Fiscal Year	2021
Document Date	20.06.2021	Posting Date	20.06.2021	Period	6
Reference		Cross-Comp.No.			
Currency	INR	Texts Exist	<input type="checkbox"/>	Ledger Group	

Co...	Itm	PK	S(	Account	Description	Amount	Crcy	Tx	Transaction
RUSH	1	31		100001043	test consignment po	500,00-	INR	IO	KBS
	2	40		5504	Consignment G/L acc	500,00	INR	IO	KBS

If you want to directly consume from vendor consignment instead of moving to storage location

Goods Issue to cost center (direct consumption)

Movement type 201 K

→ Consignment PO ←

Subcontracting PO

It is the type of procurement where in company sends the raw material to the vendor and vendor processes the material and sends a finished product back. Vendor charges you for the processing to convert raw material to finished product

Steps involved in subcontracting process:

1. Create semi -finished /finished material
2. Create raw material
3. Create subcontracting purchase info record (TCODE:ME11) for finished product -optional
4. Create Bill of material (TCODE: CS01)
We can add manually BOM during PO creation
5. Activate production version for finished product (TCODE:C223)
6. Create purchase order with item category L (TCODE:ME21N)
7. Before we issue raw materials to vendor we should have stock
Add stock manually using movement type 561 (OR) create PO->GR
8. Issue raw materials to vendor
Use TCODE: ME2ON (OR) do transfer posting with movement type 541(TCODE: 541)
No accounting entries gets generated
9. Goods receipt (TCODE: MIGO)
Finished product will be received with movement type 101 and components will be consumed automatically with movement type 543 O

Here we receive finished product. Accounting entries gets generated. Those are

Components of goods issue:

Consumption account DR (+)

Component stock account CR (-)

Once we get the finished product

FG stock account DR (+)

Subcontracting stock CR (-)

Service GR

Service expense DR (+)

GR/IR account CR (-)

10. Invoice MIRO (outside state) or Challan TCODE: j1igsubcon (within state)

GR/IR account DR (+)

Vendor account CR (-)

Define Special procurement type for subcontracting process:

SPRO->SAP Reference IMG->Production->Material requirements planning->Master data->Define Special procurement type

Change View "Special Procurement": Details

New Entries

Plant Abb Plant 1
 Sp.Pr.Type **Subcontracting**

Procurement type External procurement

Special Procurement
 Special procurement Subcontracting
 Plant

As BOM Component
 Phantom item
 Direct Production
 Direct Procurement
 Withdr.altern.plant Issuing Plant
 Multil. Subcontr.

Create Semi finished/Finished product:

Views: Basic data1, purchasing, MRP-1, 2, 3 and 4, General plant data/storage1 and 2, accounting 1

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material
 Industry Sector
 Material type

Change Number

Copy from...
 Material

Inventory-manag
 External manuf.
 Mfr Part Number

Organizational Levels

Organizational levels

Plant
 Stor. Loc.

Profiles

MRP profile

Org. levels/profiles only on request

Select View(s) Default Setting

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

Basic data 1 Basic data 2 Classification Sales: sales org. 1 Sales: sal...

Material
 Descr.

General Data
 Base Unit of Measure Piece Material Group

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

Sales text Purchasing Intl Trade: Import Purchase order text M...

Material 616
 Descr. Finished Material - Subcon
 Plant ABB Abb Plant 1

General Data

Base Unit of Measure PC Piece Order Unit Var. OUn
 Purchasing Group ABB Material Group L004

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Ad...

Material 616
 Descr. Finished Material - Subcon
 Plant ABB Abb Plant 1

General Data

Base Unit of Measure PC Piece MRP Group
 Purchasing Group ABB ABC Indicator
 Plant-Sp.Matl Status Valid From

MRP procedure

MRP Type

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Ext...

Material 616
 Descr. Finished Material - Subcon
 Plant ABB Abb Plant 1

Procurement

Procurement Type F Batch entry
 Special procurement 30 Prod. stor. location

Production version is not yet activated

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

MRP 3 MRP 4 Advanced Planning Extended SPP Forecasting

Material 616
 Descr. Finished Material - Subcon
 Plant ABB Abb Plant 1
 Stor. Loc. S5 Raw material

BOM explosion/dependent requirements

Individual/coll. 1 Component Scrap (%)
 Version Indicator Requirements group
 ProdVersions MRP dep.requirements

Production Version Overview

Ve...	Production Version T	Valid from	Valid To	R...

Create Material 616 (Finished Product)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1 Costing 2

Material 616
 Descr. Finished Material - Subcon
 Plant ABB Abb Plant 1

Period 007.2021 Period 006.2021 Period 012.2020

General Valuation Data

Total Stock 0 Base Unit PC Piece
 Division Valuation Cat.
 Valuation Class 7920 Valuated UoM
 VC: Sale Ord. Stk ML Act. Mat. Price Analysis
 Project Stock VC Price Determ. 2 Transaction-Based

Prices and values

Currency Type Company Code Currency
 Ledger 0L
 Currency Company Code Currency
 Valuation Legal
 Currency USD
 Standard Price 10,00

Material 616 created Finished product 616 is created

Create Raw material:

Views: Basic data1, purchasing, MRP-1, 2, 3 and 4, General plant data/storage1 and 2, accounting 1

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material:

Industry Sector: M Mechanical engineering

Material type: ROH Raw materials

Change Number:

Organizational Levels

Organizational levels	Copy from
Plant: ABB	<input type="text"/>
Stor. Loc.: S5	<input type="text"/>

Profiles

MRP profile:

Org. levels/profiles only on request

Select View(s) Default Setting

Copy from... Material:

Inventory-manage External manuf. Mfr Part Number

Create Material 617 (Raw materials)

Additional Data Org. Levels Check Screen Data

Basic data 1 Basic data 2 Classification Sales: sales org. 1 Sales: sal...

Material: 617

Descr.: Raw Material - Subcon 1

General Data

Base Unit of Measure: PC	Piece	Material Group: L002
Old material number: <input type="text"/>	Ext. Matl Group: <input type="text"/>	
Division: <input type="text"/>	Lab/Office: <input type="text"/>	
Product allocation: <input type="text"/>	Prod.hierarchy: <input type="text"/>	
X-Plant Mat.Status: <input type="checkbox"/>	Valid from: <input type="text"/>	
Assign effect. vals: <input type="checkbox"/>	GenItemCatGroup: NORM	Standard item

Material authorization group

Authorization Group:

Dimensions/EANs

Gross weight: Weight unit: KG

Create Material 617 (Raw materials)

Additional Data Org. Levels Check Screen Data

Sales text Purchasing Intl Trade: Import Purchase order text M...

Material: 617

Descr.: Raw Material - Subcon 1

Plant: ABB Abb Plant 1

General Data

Base Unit of Measure: PC	Piece	Order Unit: <input type="text"/>	Var. OUn: <input type="checkbox"/>
Purchasing Group: ABB	Material Group: L002		
Plant-Sp.Matl Status: <input type="checkbox"/>	Valid From: <input type="text"/>		

Create Material 617 (Raw materials)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Ext...

Material 617
 Descr. Raw Material - Subcon 1
 Plant ABB Abb Plant 1

Procurement
 Procurement Type X Batch entry

Create Material 617 (Raw materials)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Advanced Planning Extended SPP F.

Material 617
 Descr. Raw Material - Subcon 1
 Plant ABB Abb Plant 1

Forecast Requirements
 Period Indicator M Fiscal Year Variant Splitting indicator

Planning
 Strategy Group 10 Make-to-stock production
 Consumption mode Bwd consumption per.
 Fwd consumption per. Mixed MRP
 Planning material Planning plant
 Plng conv. factor Planning matl BUnit

Availability check
 Availability check 02
 Tot. repl. lead time days
 Cross-project

Activate production version for finished product

Create Material 617 (Raw materials)

Additional Data Org. Levels Check Screen Data

MRP 3 MRP 4 Advanced Planning Extended SPP Forecasting

Material 617
 Descr. Raw Material - Subcon 1
 Plant ABB Abb Plant 1
 Stor. Loc. S5 Raw material

BOM explosion/dependent requirements
 Individual/coll. 1
 Version Indicator
 Component Scrap (%)
 Requirements group
 MRP dep.requirements

ProdVersions

Create Material 617 (Raw materials)

Additional Data | Org. Levels | Check Screen Data

Quality management | Accounting 1 | Accounting 2 | Costing 1 | Costing 2

Material: 617
 Descr.: Raw Material - Subcon 1
 Plant: ABB Abb Plant 1

Period 007.2021 | Period 006.2021 | Period 012.2020

General Valuation Data

Total Stock: 0 Base Unit: PC Piece
 Division: Valuation Cat.:
 Valuation Class: 3000 Valuated UoM:
 VC: Sale Ord. Stk: ML Act. Mat. Price Analysis
 Project Stock VC: Price Determ.: 2 Transaction-Based

Prices and values

Material 617 created

Raw material 617 is created

Adding stock manually for raw material (initial stock) with movement type 561 in MIGO

Goods Receipt Other - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R10 Other | Init. entry of stBal. 561

General

Document Date: 02.07.2021 Material Slip:
 Posting Date: 02.07.2021 Doc. Header Text:
 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	0,000				

Material: Raw Material - Subcon 1 | 617

Goods Receipt Other - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R10 Other | Init. entry of stBal. 561

General

Document Date: 02.07.2021 Material Slip:
 Posting Date: 02.07.2021 Doc. Header Text:
 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	200,000				

Qty in Unit of Entry: 200,000

Goods Receipt Other - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R10 Other | Init. entry of stBal. 561

General

Document Date 02.07.2021 | Material Slip |
 Posting Date 02.07.2021 | Doc.Header Text |
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	Sloc	Stock Segment	Batch
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	200		PC	Raw material	

Material | Quantity | Where | Partner

Movement type 561 | Init. entry of stBal. | Stock type Unrestricted-Use

Plant Abb Plant 1 | ABB |
 Storage location Raw material | S5

Goods Receipt Other - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R10 Other | Init. entry of stBal. 561

General

Document Date 02.07.2021 | Material Slip |
 Posting Date 02.07.2021 | Doc.Header Text |
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	Sloc	Stock Segment	Batch
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	200		PC	Raw material	

Material | Quantity | Where | Partner

Vendor ManPower pvt limited | 110000

Material document 4900001067 posted 4900001067

Accounting Entries:

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View			
Document Number	4900000005	Company Code	ABB
Document Date	02.07.2021	Fiscal Year	2021
Reference		Posting Date	02.07.2021
Currency	USD	Period	7
		Cross-Comp.No.	
		Texts Exist	<input type="checkbox"/>
		Ledger Group	

Co...	Itm	PK	SC	Account	Description	Amount	Crcy	Tx	Trans.
ABB	1	89		23000	INV RM	2.000,00	USD		BSX
	2	91		34004	Cost of Goods Sold	2.000,00-	USD		GBB

Check stock availability (TCODE: MMBE)

Stock Overview: Basic List

Material: 617
 Raw Material - Subcon 1
 External Manufacturer:

Material Type: ROH (Raw materials)
 Unit of Measure: PC (Base Unit of Measure: PC)

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order S
Full	200,000				
ABB ABB pvt ltd	200,000				
ABB Abb Plant 1	200,000				
S5 Raw material	200,000				

Create BOM (TCODE: CS01)

Create material BOM: Initial Screen

Material: 616

Plant: ABB

BOM Usage: 1 (Production)

Alternative BOM:

Validity

Change Number:

Valid From: 01.07.2021

Revision Level:

Create material BOM: General Item Overview

Material: 616 (Finished Material - Subcon)
 Plant: ABB Abb Plant 1
 Alternative BOM: 1

Buttons: Position, Effectivity Initial Screen

Item	ICt	Component	Component description	Quantity	U...	A...	Sts	Valid From	Valid to	Change No.	P...	SortStrng
0010	L	617	Raw Material - Subcon 1	10	PC			01.07.2021	31.12.9999		<input type="checkbox"/>	


Creating BOM for material 616


Activate production version using TCODE: C223 or SM38-> CS_BOM_PRODVER_MIGRATION

Production Version Migration for BOM

Migration Criteria

Migrate Select Database

Material to 

Plant to 

Migrate Entire Database

Migration Execution


Run in Simulation Mode


Run in Actual Mode

Production Version Migration for BOM

Migration Criteria

Migrate Select Database

Material to 












































Plant to 

Migrate Entire Database

Migration Execution

Run in Simulation Mode

Run in Actual Mode

Create subcontracting purchase Info record for finished product using TCODE: ME11 (this step is optional)

Create Info Record: Initial Screen

Supplier 110000
 Material 616
 Purchasing Org. ABB
 Plant ABB
 Info record

Info category
 Standard
 Subcontracting
 Pipeline
 Consignment

Create Info Record: Purch. Organization Data 1

General Data Conditions Texts

Info record
 Supplier 110000 ManPower pvt limited
 Material 616
 Finished Material - Subcon
 Material Group L004 Finished Goods
 Purchasing Org. ABB Plant ABB Subcontracting

Control

Pl. Deliv. Time 1 Days Tol. Underdl. % No MText
 Purch. Group ABB Tol. Overdl. % Ackn. Rqd
 Standard Qty 10 PC Unlimited Conf. Ctrl
 Minimum Qty PC GR-Bsd IV
 Rem. Shelf Life D No ERS Version
 Shippg Instr. RT Consum.
 Max. Quantity PC Procedure UoM Group
 Rndg Prof. RMA Req.
 Tax Code Auto.Srcg

Conditions

Net Price 1.0 USD / 1 PC Valid to
 Effective Price 0,00 USD / 1 PC No Cash Disc.
 Qty Conv. 1 PC <-> 1 PC Cond. Grp
 Pr. Date Cat. No Control

Purchasing info record 5300000491 ABB L ABB created

Create purchase order with item category as L using TCODE: ME21N

Price gets picked automatically from subcontracting purchase info record

Create Purchase Order

Document Overview On

NB Standard PO Supplier 110000 ManPower pvt limited Doc. Date 02.07.2021

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

Purch. Org. ABB ABB purch org
Purch. Group ABB Purchase group ABB
Company Code ABB ABB pvt ltd

Display Scope ALL All Items Char. Display

S. Itm	Glo...	A	I	Material	Short Text	PO Quantity	O...	S...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
10				616	Finished Material - Subcon		1	PC	03.07.2021	10,00	USD	1	PC	Finished Go...	Abb Plant 1

Default Values Add Planning

Item 1 [10] 616 , Finished Material - Subcon

Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Texts Delivery Address Confirmations Condition Control R..

Material group L004 IUID-Relevant Revision Level **Components**
Supplier Mat. No. EAN/UPC Explode BOM
Supplier Subrange
Batch Supplier Batch InfoUpdate

Create Purchase Order

Document Overview On

NB Standard PO Supplier 110000 ManPower pvt limited Doc. Date 02.07.2021

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

Purch. Org. ABB ABB purch org
Purch. Group ABB Purchase group ABB
Company Code ABB ABB pvt ltd

Display Scope ALL All Items Char. Display

S. Itm	Glo...	A	Plnt	Stor. Location	Batch	Stock Segment	Reqmnt Segment	Reqmt No.	Requisitioner	T IM Material	Info rec.	R..
10			Abb Plant 1	Raw material							5300000491	

Default Values Add Planning

Item 1 [10] 616 , Finished Material - Subcon

Material Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Texts Delivery Address Confirmations Condition Control R..

Material group L004 IUID-Relevant Revision Level **Components**
Supplier Mat. No. EAN/UPC Explode BOM
Supplier Subrange
Batch Supplier Batch InfoUpdate

Click on Components

We have maintained BOM hence it came automatically or else you can add manually here

Processing Components: Component Overview

Collective entry Detailed entry

Material 616
Finished Material - Subcon

Plant ABB Release Date 02.07.2021
Quantity 1,000 Delivery date 03.07.2021 Stock Segment

Component Overview

Material	Description	Requirement qty	U...	Q. Plant	Reqmnt Segment	Stock Segment	Pr...	Supply Area	Reqmts date	M Item	I. Batch	Re...	B...	M. I.
617	Q/w Material - Subcon 1	10	PC	ABB					02.07.2021	0010	L	10	PC	ND

✓ Standard PO created under the number 4500001126

Check stock in MMBE

Stock Overview: Basic List

Selection

Material 616
Finished Material - Subcon External Manufacturer

Material Type FERT Finished Product
Unit of Measure PC Base Unit of Measure PC

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock Unrestricted use Qual. inspection Reserved Rcpt reservation On-Order Stock Consigt ...

Full									1,000	
ABB ABB pvt ltd									1,000	
ABB Abb Plant 1									1,000	
S5 Raw material									1,000	

Issue raw material to vendor TCODE: ME2ON

Subcontracting Cockpit

Selection Criteria

Supplier 110000 to

Components Provided 617

Assembly to

Plant ABB to

Requirement Date to

With requirements from subcontracting Purchase Requisitions
 With external receipts from Purchase Requisitions
 With external receipts from Purchase Orders

List Output

Group by Batches
 Only subcontracting Stocks with Shortage

Select entry and click on Post Goods Issue

Subcontracting Cockpit

Post Goods Issue Create Delivery Delete Reservation Stock Overview Stock/Rqmts

Material description	Plant	Show/Hide Description of Totals Line	Batch	Quantity	BU	Av. SC St.	BU	Document Number	Item	Pos./Neg.	Requirement date	Delivery date	#Number
													0
Supplier 110000 ManPower pvt limited													
Material 617 Raw Material - Subcon 1													
Raw Material - Subcon 1 ABB		Total SC Stock				0	PC						0
		Requirements via SC Orders		10-	PC	10-	PC						0

Enter storage location and click on Create document

Subcontracting Cockpit

Post Goods Issue Create Delivery Delete Reservation Stock Overview S

Create Goods Issue

Processing Stat...	Purchasing Doc.	Item	Vend...	Material	Movement type	Plant	Stor. Lo...	Batch	Qty in U...	Unit of Entry
		110000		617	541	ABB	S5		10	PC

Create Document Cancel

Subcontracting Cockpit

Post Goods Issue Create Delivery Delete Reservation

Create Goods Issue

Messages

Ty...	Message Text	LTxt	Ty
	Document 4900001068 posted	?	S
	1 item(s) posted		S

Technical Information

Subcontracting Cockpit

Post Goods Issue Create Delivery Delete Reservation Stock Overview Stock/Rqmts

Material description	Pin	Show/Hide Description of Totals Line	Batch	Quantity	BU	Av. SC St.	BU	Document Numb...	Item	Pos./Ne...	Requirement date	Delivery date	#Number
Supplier 110000 ManPower pvt limited													0
Material 617 Raw Material - Subcon 1													0
Raw Material - Subcon 1	ABB					10	PC						0
Total SC Stock						10	PC						0
Stock Details						0	PC						0
Requirements via SC Orders				10	PC	0	PC						0
				10	PC	0	PC	4500001126	10		02.07.2021	03.07.2021	0

MMBE

Now you could see 10 quantity of stock is provided to vendor to make finished product

Stock Overview: Basic List

Selection

Material: 617
 Raw Material - Subcon 1
 External Manufacturer:

Material Type: ROH Raw materials
 Unit of Measure: PC Base Unit of Measure: PC

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	190,000					
ABB ABB pvt ltd	190,000					
ABB Abb Plant 1	190,000					
• Stock Provided to Vendor	10,000					
• S5 Raw material	190,000					

Stock Overview: Basic List

Selection

Material: 616
 Finished Material - Subcon
 External Manufacturer:

Material Type: FERT Finished Product
 Unit of Measure: PC Base Unit of Measure: PC

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full					1,000	
ABB ABB pvt ltd					1,000	
ABB Abb Plant 1					1,000	
• S5 Raw material					1,000	

Standard PO 4500001126 Created by TRNE134

Document Overview On Print Preview Messages Personal Setting

NB Standard PO 4500001126 Supplier 110000 ManPower pvt limited Doc. Date 02.07.2021

Delivery/Invoice Conditions Texts Address Communication Partners Additional Data Org. Data Status Payment Processing Incoterms

	Active	Ordered	1	PC	10,00	USD
	Not Yet Sent	Delivered	0	PC	0,00	USD
	Not Delivered	Still to deliv.	1	PC	10,00	USD
	Not Invoiced	Invoiced	0	PC	0,00	USD
		Down paymts			0,00	USD

Display Scope ALL All Items Char. Display

S...	Itm	Glo...	A	I	Material	Short Text	PO Quantity	O...	S...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
	10	0			616	Finished Material - Subcon		1	PC	03.07.2021	10,00	USD	1	PC	Finished Go...	Abb Plant 1

Goods Receipt

Final product will be received with movement type 101 and components will be consumed automatically with movement type 543 O

Goods Receipt Purchase Order 4500001126 - TRNE134

Show Overview Hold Check Post Help

A01 Goods Receipt R01 Purchase Order GR goods receipt **101**

General Vendor

Document Date 02.07.2021 Delivery Note 4500001126 Supplier ManPower pvt limited
 Posting Date 02.07.2021 Bill of Lading HeaderText
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	Sloc	Cost Center	Order
1	Finished Material - Subcon	<input checked="" type="checkbox"/>	1	PC	Raw material		
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	10	PC			

Delete

Material Quantity Where Purchase Order Data Partner Account Assignment

Movement type **101** + GR goods receipt Stock type Unrestricted-Use

Plant Abb Plant 1 ABB
 Storage location Raw material S5

Goods Receipt Purchase Order 4500001126 - TRNE134

Show Overview | Hold | Check | Post | Help

A01 Goods Receipt | R01 Purchase Order | GR goods receipt | 101

General | Vendor

Document Date: 02.07.2021 | Delivery Note: 4500001126 | Supplier: ManPower pvt limited
 Posting Date: 02.07.2021 | Bill of Lading: | HeaderText: |
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Cost Center	Order
1	Finished Material - Subcon	<input checked="" type="checkbox"/>	1		PC Raw material		
1	Raw Material - Subcon 1	<input checked="" type="checkbox"/>	10		PC		

Material | Quantity | Where | Purchase Order Data | Partner | Account Assignment

Movement type: 543 | GI issue sub. stock | Stock type: Unrestricted-Use
 Vendor: ManPower pvt limited | 110000
 Plant: Abb Plant 1 | ABB

Material document 5000000602 posted

Accounting entries

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 5000000010 | Company Code: ABB | Fiscal Year: 2021
 Document Date: 02.07.2021 | Posting Date: 02.07.2021 | Period: 7
 Reference: 4500001126 | Cross-Comp.No.: |
 Currency: USD | Texts Exist: | Ledger Group: |

Co...	Itm	PK	SC Account	Description	Amount	Crcy	Tx	Transaction	Material
ABB	1	89	23000	INV RM	10,00	USD		BSX	616
	2	96	23001	GR/IR CLR	10,00-	USD		WRX	616
	3	91	34002	Subco Serv	10,00-	USD		BSV	616
	4	86	34000	Consumption RM	10,00	USD		FRL	616
	5	99	23000	INV RM	100,00-	USD		BSX	617
	6	81	34004	Cost of Goods Sold	100,00	USD		GBB	617

Stock Overview: Basic List



Selection

Material:

Finished Material - Subcon External Manufacturer:

Material Type: FERT Finished Product

Unit of Measure: Base Unit of Measure: PC

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	1,000					
ABB ABB pvt ltd	1,000					
ABB Abb Plant 1	1,000					
S5 Raw material	1,000					

Stock Overview: Basic List



Selection

Material:

Raw Material - Subcon 1 External Manufacturer:

Material Type: ROH Raw materials

Unit of Measure: Base Unit of Measure: PC

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock
Full	190,000				
ABB ABB pvt ltd	190,000				
ABB Abb Plant 1	190,000				
S5 Raw material	190,000				

Check PO status and history

Standard PO 4500001126 Created by TRNE134

Document Overview On Messages

NB Standard PO 4500001126 Supplier: 110000 ManPower pvt limited Doc. Date: 02.07.2021

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing | Incoterms

<input type="checkbox"/> Active	Ordered	1	PC	10,00	USD
<input type="checkbox"/> Not Yet Sent	Delivered	1	PC	10,00	USD
<input type="checkbox"/> Fully Delivered	Still to deliv.	0	PC	0,00	USD
<input type="checkbox"/> Not Invoiced	Invoiced	0	PC	0,00	USD
	Down paymts			0,00	USD

Standard PO 450001126 Created by TRNE134

Document Overview On | Print Preview | Messages | Personal Setting

NB Standard PO | 450001126 | Supplier | 110000 ManPower pvt limited | Doc. Date | 02.07.2021

Header

Display Scope: ALL All Items | Char. Display

S.	Itm	Gl...	A	I	Material	Short Text	PO Quantity	O...	S...	C	Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt
10	0		L	616	Finished Material - Subcon		1	PC	D		03.07.2021	10,00	USD	1	PC	Finished Go...	Abb Plant 1

Item: 1 [10] 616, Finished Material - Subcon

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Purchase Order History | Texts | Delivery Address | Confirmations

Sh. Text	MvT	Material Document	Item	Posting Date	Quantity	Delivery cost quantity	OU	Amt.in	Loc.Cur.	L.cur	Qty in OPUn	DelCostQty (OPUn)	Order Price Unit	Amou...	Crcy
WE	101	5000000602	1	02.07.2021	1	0	PC	10,00	USD		1	0	PC	10,00	USD
Tr./Ev. Goods Receipt					1		PC	10,00	USD		1		PC	- 10,00	USD

→ **Subcontracting PO** ←

Vaishnavi Jindam

Stock Transfer Order

STO in Inventory Management

Transfer material from one plant to another plant within company code

One Step:

Transfer material from one plant to another plant with **movement type 301**

Accounting entries gets generated

Stock account of sending plant gets credited (-)

Stock account of receiving plant gets debited (+)

Two Step:

Transfer material from one plant to another plant with **movement type 303 and 305**

First transfer material with movement type 303 and stock gets added stock transfer plant (QDIL)- accounting entries gets generated

Stock account of sending plant gets credited (-)

Stock account of receiving plant gets debited (+)

Second transfer material with movement type 305 and stock gets added plant QDIL- no accounting entries

One Step

Material 4500045573 created

Material 4500045573 created for PDIL and extended to QDIL

Business partner 100001061 created

Business partner 100001061 created

MARD: Display of Entries Found

Search in Table: MARD
 Proxy Object: NSDM_V_MARD
 Number of hits: 2
 Runtime: 0 Max

Insert Column

Material	Plant	SLoc	Status	SL	Year	Pe	I
4500045573	PDIL	SB01	DL		2021	6	
4500045573	QDIL	QB01	DL		2021	6	

Stock Overview: Basic List



Selection

Material

TEST Material External Manufacturer

Material Type ZMAT Raw materials-ZMAT

Unit of Measure Base Unit of Measure

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	100,000					
KUSH Dil Kush Private Limited	100,000					
PDIL Boston Plant for KUSH	87,000					
SB01 Raw Material	87,000					
QDIL Boston Plant for KUSH	13,000					
QB01 Raw Material	13,000					

Transfer Posting Other - TRNE134

Show Overview Hold Check Post Help

A08 Transfer Posti...

TF trfr plnt to plnt

General

Document Date Material Slip

Posting Date Doc.Header Text

2 Individual Slip wit...

Transfer Posting Material Quantity Where Partner

From		Dest	
Material	<input type="text" value="TEST Material"/>	Material	<input type="text" value="TEST Material"/>
	<input type="text" value="4500045573"/>		<input type="text" value="4500045573"/>
Plant	<input type="text" value="Boston Plant for KUSH"/> PDIL	Plant	<input type="text" value="Boston Plant for KUSH"/> QDIL
Stor. Loc.	<input type="text" value="Raw Material"/> <input type="text" value="SB01"/>	Stor. Loc.	<input type="text" value="Raw Material"/> <input type="text" value="QB01"/>
Spec.Stock	<input type="checkbox"/>		

Qty in UnE

Material document 4900001012 posted

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number Company Code Fiscal Year
 Document Date Posting Date Period
 Reference Cross-Comp.No.
 Currency Texts Exist Ledger Group



Co...	Itm	PK	SC Account	Description	Amount	Crcy	Tx	Transaction	Plant
KUSH	1	99	5500	Stock Account	70,00-	USD		BSX	PDIL
	2	89	5500	Stock Account	70,00	USD		BSX	QDIL

Stock Overview: Basic List



Selection

Material External Manufacturer
 Material Type Raw materials-ZMAT
 Unit of Measure Base Unit of Measure

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	100,000					
KUSH Dtl Kush Private Limited	100,000					
PDIL Boston Plant for KUSH	80,000					
SB01 Raw Material	80,000					
QDIL Boston Plant for KUSH	20,000					
QB01 Raw Material	20,000					

Two step

Transfer Posting Other - TRNE134

Show Overview Hold Check Post Help

A08 Transfer Posti... R10 Other TF rem.fm stor.to pl 303

General

Document Date Material Slip
 Posting Date Doc.Header Text
 2 Individual Slip wft...

Transfer Posting

From	Dest
Material <input type="text" value="TEST Material"/>	Material <input type="text" value="TEST Material"/>
<input type="text" value="4500045573"/>	<input type="text" value="4500045573"/>
Plant <input type="text" value="Boston Plant for KUSH"/> PDIL	Plant <input type="text" value="Boston Plant for KUSH"/> QDIL
Stor. Loc. <input type="text" value="Raw Material"/> SB01	
Spec.Stock <input type="checkbox"/>	

Qty in UnE KG

Material document 4900001016 posted

Display Document: Data Entry View

Display Currency General Ledger View

Data Entry View

Document Number	4900000010	Company Code	KUSH	Fiscal Year	2021
Document Date	25.06.2021	Posting Date	25.06.2021	Period	6
Reference		Cross-Comp.No.			
Currency	USD	Texts Exist	<input type="checkbox"/>	Ledger Group	



Co...	Itm	PK	SC Account	Description	Amount	Crcy	Tx	Trs	Plant
KUSH	1	99	5500	Stock Account	50,00-	USD		BSX	PDIL
	2	89	5500	Stock Account	50,00	USD		BSX	QDIL

Stock Overview: Basic List



Selection

Material	500045573	External Manufacturer	
Material Type	ZMAT	Raw materials-ZMAT	
Unit of Measure	KG	Base Unit of Measure	KG

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	95,000					
KUSH Dil Kush Private Limited	95,000					
PDIL Boston Plant for KUSH	75,000					
SB01 Raw Material	75,000					
QDIL Boston Plant for KUSH	20,000					
QB01 Raw Material	20,000					

Stock Overview: Basic List



Selection

Material	500045573	External Manufacturer	
Material Type	ZMAT	Raw materials-ZMAT	
Unit of Measure	KG	Base Unit of Measure	KG

Stock Overview



Client/Company Code/Plant/Storage Location/Batch/Special Stock	Reserved	Rcpt reservation	On-Order Stock	Consgt ordered	Stck trans.(plnt)	Tran...
Full					5,000	
KUSH Dil Kush Private Limited					5,000	
PDIL Boston Plant for KUSH						
SB01 Raw Material						
QDIL Boston Plant for KUSH					5,000	
QB01 Raw Material						

Place in Storage Material Document 4900001016 - TRNE134

Show Overview | Hold | Check | Post | Help

A10 Place in Stora... | R02 Material Docu... | 4900001016 | 2021

General

Document Date: 25.06.2021 | Material Slip:
 Posting Date: 25.06.2021 | Doc.Header Text:
 2 Individual Slip wit...

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Stock Segment	Batch	Valuation ...	M...	D Stock Type	Plnt
1	TEST Material	<input type="checkbox"/>	5	KG	Raw Material				305 +		Bosto

Material | Quantity | Where | Partner

Movement type: 305 | TF pl.in stor.in pl.

Plant: Boston Plant for KUSH | QDIL
 Storage location: Raw Material | QB01

Unloading Point:

✓ Material document 4900001017 posted

✓ No subsequent document found in Accounting

Stock Overview: Basic List

Selection

Material: 500045573 | TEST Material | External Manufacturer:
 Material Type: ZMAT | Raw materials-ZMAT
 Unit of Measure: KG | Base Unit of Measure: KG

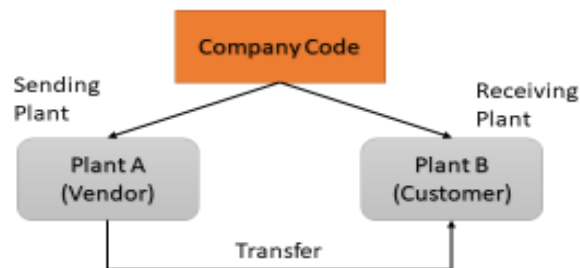
Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock | Unrestricted use | Qual. inspection | Reserved | Rcpt reservation | On-Order Stock | Consgt .

Full	100,000				
KUSH Di| Kush Private Limited	100,000				
PDIL Boston Plant for KUSH	75,000				
SB01 Raw Material	75,000				
QDIL Boston Plant for KJUSH	25,000				
QB01 Raw Material	25,000				

Intra Company Transfer

Transfer from one plant to another plant within company code. It can be done in one step (OR) two-step process



Configuration:

1. Create Division
2. Create Sales Organization
3. Create Distribution Channel
4. Create Shipping Point
5. Assign Sales org to Company Code
6. Assign distribution channel to Sales organization
7. Assign division to sales organization
8. Set up Sales area (which is combination of Sales Organization + Distribution Channel + Division)
9. Assign Sales organization-Distribution channel-plant
10. Assign shipping point to plant
11. Check Distribution channel per sales organization-assign master data
12. Check Division per sales organization-assign master data
13. Shipping point determination
14. Create document type(UB-standard) with item category U

15. Define Shipping data for plants
 - Assign customer to receiving plant along sales area
 - Assign sales area to sending plant
16. Configure delivery type by plant –NL
17. Configure for one step procedure (if you would like to follow two-step process this is optional)

Process:

1. Create material and maintain sales view for sending plant and purchasing view for receiving plant
2. Create sending plant as vendor and receiving plant as customer
3. Create STO with item category U and document type-UB(TCODE:ME21N)
4. Create outbound delivery (TCODE: VL10B)
5. Post Goods issue – (TCODE:VL02N)
 - 641-movement type for two step and 647-movement type for one step
 - Accounting entries gets generated
6. Goods Receipt (MIGO) with respect outbound delivery document

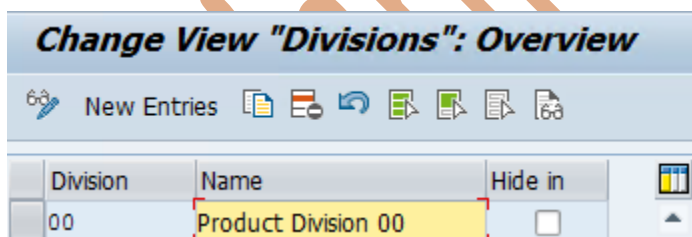
Two step process

Create Division

SPRO->SAP Reference IMG->Enterprise Structure->Definition->Logistics-General->Define, copy, delete, check division

Click on Define Division

Using standard division



Division	Name	Hide in
00	Product Division 00	<input type="checkbox"/>

Create Sales Organization

SPRO->SAP Reference IMG->Enterprise Structure->Definition->Sales and Distribution ->Define, copy, delete, check sales organization

Click on Define sales organization

Change View "Sales organizations": Details

New Entries

Sales Organization: SORG Enterprise PDIL

Detailed information

Statistics Currency: USD

Address text name: RefSorg.SalesDocType:

Letter header text: Cust.Inter-Co.Bill.: SG1515

Footer lines text: Sales Org.Calendar:

Greeting text name:

Text SDS sender: Rebate proc.active

ALE : Data for purchase order

Purch. organization: Plant:

Purchasing Group: Storage location:

Vendor: Movement Type:

Order Type:

Change View "Sales organizations": Overview

New Entries

SOrg.	Name	Hide in	
SORG	Enterprise PDIL	<input type="checkbox"/>	

Create Distribution Channel

SPRO->SAP Reference IMG->Enterprise Structure->Definition->Sales and Distribution ->Define, copy, delete, check distribution Channel

Click on Define Distribution Channel

Change View "Distribution channels": Overview

New Entries

Distr. Channel	Name	Hide in	
SG	SG	<input type="checkbox"/>	

Create Shipping Point

SPRO->SAP Reference IMG->Enterprise Structure->Definition->Logistics Execution ->Define, copy, delete, check shipping point

Click on Define shipping points

Change View "Shipping Points": Overview

New Entries

Shipping Point	Description
SHIP	Shipping Point

Change View "Shipping Points": Details

New Entries

Shipping Point: SHIP Shipping Point

Location

Country: US Departure Zone: 0000000002

Times

Factory Calendar: US USA
Working Times:

Determine Times

Determine Load. Time: C Default from shipping point
Loading Time w.Days: 1,00

Det.Pick/Pack Time: C Default from shipping point
Pick/pack time wrkdys: 3,00

Rounding Work Days:

Form Text Names	Print Picking List
Address Text Name	Output Type
Letter Header Text	Message Language: EN
Text Name Foot.Lines	Number of Messages: 1
Text Name Greeting	Send Time: 3
Text Name SDB Sender	Transmission Medium: 1
	Subsystem

Assign Sales organization to company code

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Sales and Distribution-> Assign Sales organization to company code

Change View "Assignment Sales Organization - Company Code": Overview

Assignment Sales Organization - Company Code

SOrg.	Name	CoCd	Company Name	Status
SORG	Enterprise PDIL	KUSH	Dil Kush Private Limited	

Assign Distribution channel to sales org

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Sales and Distribution-> Assign Distribution channel to sales org

Change View "Assignment Sales Organization - Distribution Channel"

New Entries

Assignment Sales Organization - Distribution Channel

SOrg.	Name	DChl	Name	Status	Hide in
SORG	Enterprise PDIL	SG	SG		<input type="checkbox"/>

Assign Division to sales organization

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Sales and Distribution-> Assign Division to sales organization

Change View "Assignment Sales Organization - Division": Overview

New Entries

Assignment Sales Organization - Division

SOrg.	Name	Dv	Name	Status	Hid...
SORG	Enterprise PDIL	00	Product Division 00		<input type="checkbox"/>

Set up Sales area

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Sales and Distribution-> Set up Sales area

Change View "Assignment Sales Org. - Distribution Channel - Division":

New Entries

Assignment Sales Org. - Distribution Channel - Division

SOrg.	Name	DChl	Name	Dv	Name	Status	Hide in
SORG	Enterprise PDIL	SG	SG	00	Product Division 00		<input type="checkbox"/>

Assign Sales organization-distribution channel-plant

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Sales and Distribution Assign Sales organization-distribution channel-plant

Change View "Assignment Sales Organization/Distribution Channel - Plan"

New Entries

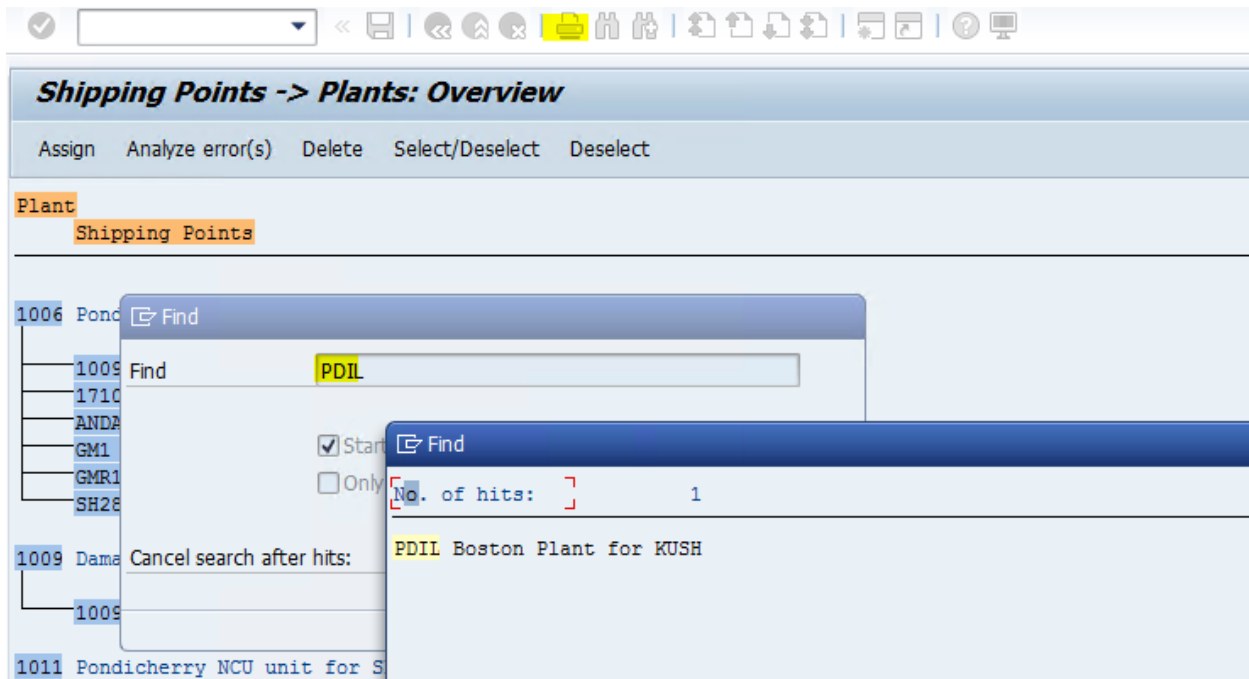
Assignment Sales Organization/Distribution Channel - Plan

SOrg.	Name	DChCust/Mt	Name	Plnt	Name 1	Status
SORG	Enterprise PDIL	SG	SG	PDIL	Boston Plant for KUSH	

Assign Shipping point to plant

SPRO->SAP Reference IMG->Enterprise Structure->Assignment->Logistics Execution-> Assign Shipping point to plant

Search for plant



Select plant and click on Assign



Choose shipping point which you created

Shipping Points -> Plants: Overview

Assign Analyze error(s) Delete Select/Deselect Deselect

Plant
Shipping Points

PDII Boston Plant for KUSH

- PJ01 PJ01 Consulting Plant 1
 - PJ01 Pj01 Shipping Point1
- PJ03 Plant SG05
 - 1710 Shipping Point 1710
 - 171C Shipping Point 171C
 - 171R Shipping Point 171R
 - AD01 Shipping Point 1710
 - ANDA Shipping Point ANDA
 - AP05 Shipping Point 1710
 - AS01 Sameer Shipping Point
 - CS10 Shipping Point 1710
 - DR01 Shipping Point 1710

Shipping Points -> Plants: Choose Shipping Point

- RNSP RNSP Shipping Point
- RP01 RP Shipping Point
- RRP1 RR Manufacturing Pvt. Ltd.
- RSBP Raven Inc Shipping Point
- RU10 Shipping Point 1710
- SG05 Shipping Point 1710
- SGP1 Sastrageek juices limited
- SH28 Shipping Point 1710
- SHIP Shipping Point
- SK05 PP s metal plant shp pt
- SP01 Shipping Point by swati

✓ ✕ Cancel

Shipping Points -> Plants: Overview

Assign Analyze error(s) Delete Select/Deselect Deselect

Plant
Shipping Points

PDII Boston Plant for KUSH

- SHIP Shipping Point

Check distribution channel per sales org – assign master data

TCODE: VOR1

Change View "Org.Unit: Dist.Channel per Sales Org.- Assign Master Data"

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SOrg.	DChl	Name	DCh-Conds	Name	DCh-Cust/Mt	Name
SORG	SG	SG	SG	SG	SG	SG

Check division per sales org-assign master data

TCODE: VOR2

Change View "Org.Unit: Divisions per Sales Org.- Assign Master Data"

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SOrg.	Dv	Name	DivCon	Name	DivCus	Name
SORG	00	Product Division 00	00	Product Division 00	00	Product Division 00

Shipping point determination

TCODE: OVL2

Change View "Shipping Point Determination": Overview

New Entries

Shipping Point Determination				
Shipping Condition	Loading Group	Plant	Proposed Shipping Point	Manual Shipping I
01	0001	PDIL	SHIP	

Create Purchase order with item category U

Standard document type is UB

SPRO->SAP Reference IMG->Material Management->Purchasing->Purchase order->Define Document types

Document Types Purchase order Change

New Entries

Dialog Structure	Type	Upda...	FieldSel.	Con...	SitmI	Layout	T...	Doc. Type	Cross...	En...	Ad...
Document types	UB	SAP	UBF	I			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Allowed item category	UD	SAP	UBF	I			<input checked="" type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Link purchase req	WAD	SAP	NBF				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
Serial number prot	WD	SAP	NBF				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

Document Types Purchase order Change

New Entries

Dialog Structure	Type	Doc. Type	Descript.	ItmInt.	NoRgeInt	NoRge Ext	NoRgeA...	Upda...	FieldSel.
Document types	UB	Stock Transp. Order		10	45	41		SAP	UBF
Allowed item category	UD	StockTranspOrderDel		10	45	41		SAP	UBF
Link purchase req	WAD	Standard PO		10	45	41		SAP	NBF
Serial number prot	WD	wamt-domestic		10	45	41		SAP	NBF

Define Shipping data for plants

PDIL is sending plant act as vendor

QDIL is receiving plant act as customer

Create G/L – reconciliation account for customer in FS00

Create G/L Account Centrally

Edt: financial statement version Edt: set Time-Dependent Attributes

Company code KJUSH
 INCOME STATEMENT A/C
 MATERIAL MANAGEMENT A/C
 RECON A/C AP/AR
 4400 VENDOR RECON

G/L Account 4403
 Company Code KJUSH Di Kush Private Limited

Type/Description Control Data Create/bank/interest Key word/translation

Account control in company code
 Account currency USD United States Dollar
 Balances in Local Crcy Only
 Exchange Rate Difference Key
 Valuation Group
 Tax Category Only input tax allowed
 Posting without tax allowed
 Recon. Account for Acct Type Customers
 Alternative Account No.
 Acct Managed in Ext. System
 Inflation key
 Tolerance Group

Account Management in Company Code
 Open Item Management
 Clearing Spec. to Ledger Gps
 Sort key 012 Vendor number
 Authorization Group

Create BP as customer

Create Organization: Role Customer (Fin.Accounting)

Person Organization Group With Reference General Data Company Code ETM Data Relationships

Business Partner Grouping CUST CUST Grouping fo...
 Create in BP role FLCU00 Customer (Fin.Acco...)

Address Address Overview Identification Control Payment Transactions Status Legal Data Customer: General Data Customer: Tax Data

Name
 Title 0003 Company
 Name QDIL PLANT AS CUSTOMER
 Salutation
 Salutation

Create Organization: Role Customer (Fin.Accounting)

Person Organization Group With Reference General Data Com

Business Partner Grouping CUST CUST Grouping fo...
 Create in BP role FLCU00 Customer (Fin.Acco...)

Address Address Overview Identification Control Payment Transactions Status Legal Data

District
 Different City
 Postal Code/City 56565 California
 Country US USA Region NY New York
 Time zone EST Tax Juris. NY00000000
 Transportation Zone
 Structure Group
 Undeliverable

PO Box Address
 PO Box
 Postal code
 Company Postal Code

Communication
 Language EN English
 Telephone Extension

Create Organization: Role Customer (Fin.Accounting)

Person Organization Group With Reference

Business Partner: Grouping: CUST CUST Grouping fo...
 Create in BP role: FLCU00 Customer (Fin.Acco...

Company Code
 Company Code: KUSH Di Kush Private Limited
 Customer: <External>
 Vendor:

Customer: Account Management | Customer: Payment Transactions | Customer: Correspondence | Customer: Insurance | Customer: Status | Customer: Withholding Tax | Customer: Texts

Account Management
 Reconciliation acct: 403 Customer Reconciliation Account
 Head office:

Display Organization: 2000000501, role Customer (Fin.Accounting)

Person Organization Group

Business Partner: 2000000501 QDIL PLANT AS CUSTOMER / California NY 56565
 Display in BP role: FLCU00 Customer (Fin.Acco...

Address | Address Overview | Identification | Control | Payment Transactions | Status | Legal Data | Customer: General Data | Customer:

Customer Number
 Customer Number: 2000000501

FI Customer Assignment
 Account group: CUS1 Customers

Business partner 2000000501 created
 2000000501 extend to sales and distribution FLCU01

Change Organization: 2000000501, new role Customer

Person Organization Group

Business Partner: 2000000501 QDIL PLANT AS CUSTOMER / California NY 56565
 Change in BP role: FLCU01 Customer (New)

Sales Area
 Sales Org.: SORG Enterprise PDIL
 Distr. Channel: SG SG
 Division: 00 Product Division 00

Orders | Shipping | Billing | Partner Functions | Additional Data | Status | Customer: Texts | Documents | Transport Data

Shipping
 Delivery Priority:
 Order Combination:
 Delivering Plant: PDIL
 Shipping Conditions: 01
 POD-Relevant:
 POD Timeframe:

Define shipping data for plants

SPRO->SAP Reference IMG->Material Management->Purchasing->Purchase order->Set up stock transfer->Define shipping data for plants

For sending and receiving plants

Change View "Stock Transport Order": Details

Plant Boston Plant for KUSH

Detailed information

Customer No Plant

SlsOrg.Int.B. Enterprise PDIL
 DistChannelIB SG
 Div.Int.Billing Product Division 00

Language for stock transport order texts

Language Key English

Enter customer

Change View "Stock Transport Order": Details

Plant Boston Plant for KUSH

Detailed information

Customer No Plant QDIL PLANT AS CUSTOMER
 California

SlsOrg.Int.B. Enterprise PDIL
 DistChannelIB SG
 Div.Int.Billing Product Division 00

Language for stock transport order texts

Language Key English

Configure Delivery type by plant

SPRO->SAP Reference IMG->Material Management->Purchasing->Purchase order->Set up stock transfer->Configure Delivery Type & Availability Check procedure by Plant

Change View "Stock Transfer Data": Overview

New Entries

Ty.	DT Descr.	SPl	Name 1	DITy.	Description	CRl	Description o...	S...	R...	De...	De...	DT...	A.	Req. ...
UB	Stock Transp. Order	PDIL	Boston Plant f...	NL	Replenishment Div.	B	Delivery	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

Configure one step procedure

SPRO->SAP Reference IMG->Material Management->Purchasing->Purchase order->Set up stock transfer->Assign Document type, one step procedure, under delivery tolerance

Change View "Default Document Type for Stock Transport Orders": Overvi

New Entries

Doc. Category

Default Document Type for Stock Transport Orders

SPIt	Plnt	Type	One Step	U...
PDIL	QDIL	UB	<input type="checkbox"/>	<input type="checkbox"/>

Define Special Procurement Type

Production->Material Requirements Planning->Master data->Define Special procurement type for receiving plant

Change View "Special Procurement": Details

New Entries

Plant Boston Plant for KUSH

Sp.Pr.Type **QDIL RECEIVING PLANT**

Procurement type External procurement

Special Procurement

Special procurement Stock transfer

Plant Boston Plant for KUSH

As BOM Component

Phantom item

Direct Production

Direct Procurement

Withdr.altern.plant Issuing Plant

Multil. Subcontr.

Change View "Special Procurement": Overview

New Entries

Plnt	Name 1	Sp.Pr.Type	Description of Special Procurement Type
QDIL	Boston Plan...	Z1	QDIL RECEIVING PLANT

Create Material

Purchasing view for receiving plant QDIL

View: Basicdata1, purchasing, MRP-1, 2, 3, General plant Data/storage1, 2, accounting 1, 2

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material:

Industry Sector: 1 Retail

Material type: ZMAT Raw materials-ZMAT

Change Number:

Copy from...
Material:

Inventory-managed manufacturer part number
External manuf.:

Mfr Part Number:

Organizational Levels

Organizational levels

Plant: QDIL

Stor. Loc.: QB01

Profiles

MRP profile:

Org. levels/profiles only on request

Select View(s) Default Setting

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Basic data 1 Basic data 2 Classification Sales: sales org. 1 Sales: sales or...

Material: 4500045576

Descr.: Test STO with one step

General Data

Base Unit of Measure: KG kg Material Group: 10-01-01

Old material number: Ext. Matl Group:

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Sales text Purchasing Intl Trade: Import Purchase order text M...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: QDIL Boston Plant for KUSH

General Data

Base Unit of Measure	KG kg	Order Unit		Var. OUn	<input type="checkbox"/>
Purchasing Group	ZPU	Material Group	10-01-01		
Plant-Sp.Matl Status	<input type="checkbox"/>	Valid From			
Tax ind. f. material	<input type="checkbox"/>	Qual.f.FreeGoodsDis.	<input type="checkbox"/>		
Material freight grp		Autom. PO	<input type="checkbox"/>		
Batch management	<input type="checkbox"/>				
Batch management(Plant)	<input type="checkbox"/>				

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advan...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: QDIL Boston Plant for KUSH

General Data

Base Unit of Measure	KG kg	MRP Group	
Purchasing Group	ZPU	ABC Indicator	<input type="checkbox"/>
Plant-Sp.Matl Status	<input type="checkbox"/>	Valid From	

MRP procedure

MRP Type	ND No planning	Planning time fence	<input type="checkbox"/>
Reorder Point		MRP Controller	<input type="checkbox"/>
Planning cycle			

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Extend...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: QDIL Boston Plant for KUSH

Procurement

Procurement Type	F	Batch entry	<input type="checkbox"/>
Special procurement	Z1	Prod. stor. location	
Backflush	<input type="checkbox"/>	Proposed supply area	
JIT delivery sched.	<input type="checkbox"/>	Storage loc. for EP	
Bulk material	<input type="checkbox"/>	Stock det. grp	

Scheduling

GR processing time	1 days	Planned Deliv. Time	10 days
SchedMargin key		Planning Calendar	

Jindam

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Advanced Planning Extended SPP For...

Material 4500045576
 Descr. Test STO with one step
 Plant QDIL Boston Plant for KUSH

Forecast Requirements
 Period Indicator Fiscal Year Variant Splitting indicator

Planning
 Strategy Group 40
 Consumption mode Bwd consumption per.
 Fwd consumption per. Mixed MRP
 Planning material Planning plant
 Plng conv. factor Planning matl BUnit

Availability check
 Availability check 02
 Tot. repl. lead time days
 Cross-project

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1 Cos...

Material 4500045576
 Descr. Test STO with one step
 Plant QDIL Boston Plant for KUSH

Period 006.2021 Period 005.2021 Period 012.2020

General Valuation Data
 Total Stock 0 Base Unit KG kg
 Division Valuation Cat.
 Valuation Class 3000 Valuated UoM
 VC: Sale Ord. Stk ML Act. Mat. Price Analysis
 Project Stock VC Price Determ. 2 Transaction-Based

Prices and values

Material 4500045576 created

Material 4500045576 created

Extend same material with sales view for sending plant

Sales view1, 2 and Sales general/plant data, MRP1, 2, 3 and General plant Data/storage1,2, accounting 1,2

Create Material (Initial Screen)

Select View(s) Org. Levels Data

Material: 4500045576
 Industry Sector: 1 Retail
 Material type: ZMAT Raw materiab-ZMAT

Change Number:

Copy from...
 Material:

Inventory-managed manufacturer part number
 External manuf.:
 Mfr Part Number:

Organizational Levels

Organizational levels

Plant: PDIL
 Stor. Loc.: SB01
 Valuation type:
 Sales Org.: SORG
 Distr. Channel: SG

Profiles

MRP profile:

Org. levels/profiles only on request

Select View(s) Default Setting

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Classification Sales: sales org. 1 Sales: sales org. 2 Sales: General/...

Material: 4500045576
 Descr.: Test STO with one step
 Sales Org.: SORG Enterprise PDIL
 Distr. Chl: SG SG

General data

Base Unit of Measure: KG kg Division:
 Sales unit: Sales unit not var.:
 Unit of Measure Grp:
 X-distr.chain status: Valid from:
 DChain-spec. status: Valid from:
 Delivering Plant: PDIL
 Material Group: 10-01-01 Spares
 Cash Discount: Conditions

Tax data

C... Country	Ta... Tax Category	T Tax classification
US USA	UTXJ Tax Jurisdict.Code	0

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 1 Sales: sales org. 2 Sales: General/Plant Ext. S...

Material: 4500045576
 Descr.: Test STO with one step
 Sales Org.: SORG Enterprise PDIL
 Distr. Chl: SG SG

Grouping terms

Matl statistics grp: Material Price Grp:
 Volume Rebate Group: Acct Assmt Grp Mat.:
 Gen. item cat. grp: NORM Item Category Group: NORM
 Pricing Ref. Matl:
 Product hierarchy:
 Commission Group:

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 2 Sales: General/Plant Ext. SPP Basic Data Intl Trad...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: PDIL Boston Plant for KUSH

General data

Base Unit of Measure: KG kg Replacement Part:
 Gross weight: KG Qual.f.FreeGoodsDis.:
 Net weight: Material freight grp:
 Availability check: 02
 Appr.batch rec. req.:
 Batch management:
 Batch management(Plant):

Shipping data (times in days)

Trans. Grp: 0001 LoadingGrp: 0001
 Setup time: Proc. time: Base qty: KG

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advan...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: PDIL Boston Plant for KUSH

General Data

Base Unit of Measure: KG kg MRP Group:
 Purchasing Group: ZPU ABC Indicator:
 Plant-Sp.Matl Status: Valid From:

MRP procedure

MRP Type: ND
 Reorder Point: Planning time fence:
 Planning cycle: MRP Controller:

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

MRP 1 MRP 2 MRP 3 MRP 4 Advanced Planning Extend...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: PDIL Boston Plant for KUSH

Procurement

Procurement Type: F Batch entry:
 Special procurement: Prod. stor. location:
 Backflush: Proposed supply area:
 JIT delivery sched.: Storage loc. for EP:
 Bulk material: Stock det. grp:

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

MRP 2 MRP 3 MRP 4 Advanced Planning Extended SPP For...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: PDIL Boston Plant for KUSH

Forecast Requirements
 Period Indicator: M Fiscal Year Variant: Splitting indicator:

Planning
 Strategy Group: 40
 Consumption mode: Bwd consumption per.:
 Fwd consumption per.: Mixed MRP:
 Planning material: Planning plant:
 Plng conv. factor: Planning matl BUnit:

Availability check
 Availability check: 02
 Tot. repl. lead time: days
 Cross-project:

Create Material 4500045576 (Raw materials-ZMAT)

Additional Data Org. Levels Check Screen Data

Quality management Accounting 1 Accounting 2 Costing 1 Cos...

Material: 4500045576
 Descr.: Test STO with one step
 Plant: PDIL Boston Plant for KUSH

Period 006.2021 Period 005.2021 Period 012.2020

General Valuation Data
 Total Stock: 0 Base Unit: KG kg
 Division: Valuation Cat.:
 Valuation Class: 3000 Valuated UoM
 VC: Sale Ord. Stk: ML Act. Mat. Price Analysis
 Project Stock VC: Price Determ.: 2 Transaction-Based

MARD: Display of Entries Found

Search in Table: MARD Storage Location Data for Material
 Proxy Object: NSDM_V_MARD MARD Compatibility View
 Number of hits: 2
 Runtime: 0 Maximum no. of hits: 500

Insert Column

Material	Plant	SLoc	Status	SL	Year	Pe	PIB	Unrestricted	Stock in tfr	Qual.Insp.	Restricted	Blocked	Returns	Unrestr.	Stk in tfr	Qual.Insp.	Restr.-use	Blocked	Returns	
4500045576	PDIL	SB01	DL		2021	6		0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
4500045576	QDIL	QB01	DL		2021	6		0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

Add stock

Stock Overview: Basic List

Selection

Material: 4500045576
 Test STO with one step
 External Manufacturer:

Material Type: ZMAT Raw materials-ZMAT
 Unit of Measure: KG Base Unit of Measure: KG

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock | Unrestricted use | Qual. inspection | Reserved | Rcpt reservation | On-Order Stock

Full		100,000			
KUSH Dil Kush Private Limited		100,000			
PDIL Boston Plant for KUSH		100,000			
SB01 Raw Material		100,000			

Create PO with item category U (TCODE: ME21N)

Enter receiving plant and storage location

Create Purchase Order

Document Overview On | Hold | Print Preview | Messages | Personal Setting

UB Stock Transp. Ord... | Supplying Plant: PDIL Boston Plant for KUSH | Doc. Date: 26.06.2021

Delivery/Invoice | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing | Incoterms

Purch. Org.: CORG Dil Kush Pur Org
 Purch. Group: ZPO ZMAT Purchase Grp
 Company Code: KUSH Dil Kush Private Limited

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
	10		U	4500045576	Test STO with one step				06.07.2021	Spares	Boston Plant for K...	Raw Material		

Default Values | Addl Planning

Item: 1 [10] 4500045576, Test STO with one step

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Texts | Delivery Address | Confirmations | Shipping | Retail | Spec2000 / SC

Delivery Type: NL Replenishment Div.: Delivery date: 06.07.2021 Sales Org.: SORG Enterprise PDIL
 Shipping Point: SHIP Shipping Point: Delv. Creation Date: Distr. Channel: SG SG
 Del. Prior.: Planned Deliv. Time: 10 Days Division: 00 Product Division 00
 Shp.Cond.: 01 Standard Order Combinat.: Ship.type:

Here if you have done all the configurations correctly then you would receive "Shipping" tab at item level which is mandatory

Create Purchase Order

Document Overview On Messages

Purch. Org. DIL KUSH Pvt Org
 Purch. Group ZMAT Purchase Grp
 Company Code DIL KUSH Private Limited

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C	Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
	10			4500045576	Test STO with one step		5	KG	06.07.2021	Spares	Boston Plant for K...	Raw Material		

Item

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Texts | Delivery Address | Confirmations | Shipping | Retail | Spec2000 / SC

Delivery Type Replenishment Div. Delivery date Sales Org. Enterprise PDIL
 Shipping Point Shipping Point Delv. Creation Date
 Del. Prior. Planned Delv. Time Days Division Product Division 00
 Shp.Cond. Standard Order Combinat. Ship.type
 Loading Group Crane Customer QDIL PLANT AS CUST... California
 Trans. Group On pallets Unloading Point
 Route

Stock Transp. Order created under the number 4500001064

Stock Transp. Order created under the number 4500001064

Create outbound delivery

Go to TCODE: VL10B

Purchase Orders, Fast Display

Shipping Point/Receiving Pt to

Deliv. Creation Date to

CalcRuleDefltDivCrDt

Activities Due for Shipping "Purchase Orders, Fast Display"

Background

Light	GI Date	DPrio	Ship-to party	Route	OriginDoc.	Gross	WUn	Volume	VUn
			2000000501		4500001064				

Select entry and click on background

Click on show/hide delivery Pt and You will get outbound delivery document number

Activities Due for Shipping "Purchase Orders, Fast Display"



Light	Goods Issue	DPrio	Ship-to party	Route	OriginDoc.	Gross	WUn	Volume	VUn	Document
		06.07.2021	2000000501		4500001064					80000492
			2000000501		4500001064					

Check the stock in MMBE

Stock Overview: Basic List

Material: 500045576
 Material Type: ZMAT
 Unit of Measure: KG

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	100,000				5,000	
KUSH Dil Kush Private Limited	100,000				5,000	
PDIL Boston Plant for KUSH	100,000					
SB01 Raw Material	100,000					
QDIL Boston Plant for KUSH					5,000	
QB01 Raw Material					5,000	

Stock Overview: Basic List

Material: 500045576
 Material Type: ZMAT
 Unit of Measure: KG

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Consgt ordered	Stck trans.(plnt)	Transfer (SLoc)	GR Blocked Stock	Schd.for delivery
Full	0				5,000
KUSH Dil Kush Private Limited	0				5,000
PDIL Boston Plant for KUSH					5,000
SB01 Raw Material					
QDIL Boston Plant for KUSH	0				
QB01 Raw Material	0				

Supplying plant is scheduled for delivery

PO quantity of 5 pieces is in order stock

Stock Transp. Order 4500001064 Created by TRNE134

Document Overview On | Print Preview | Messages | Personal Setting

UB Stock Transp. Ord... 4500001064 | Supplying Plant: PDIL Boston Plant for KUSH | Doc. Date: 26.06.2021

Header

S. Itm	A	I	Material	Short Text	PO Quantity	O...	C Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
10			4500045576	Test STO with one step	5	KG	06.07.2021	Spares	Boston Plant for K...	Raw Material		

Item: 1 [10] 4500045576, Test STO with one step

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Purchase Order History | Texts | Delivery Address | Confirmations | Shipping

Sh. Text	MVT	Material Document	Item	Posting Date	#Quantity	Delivery cost quantity	OU	#Amt.in Loc.Cur.	L.cur	#Qty in OPUn	DelCostQty (OPUn)	Order Price Unit	#Amount	Crcy
Lfs		80000492	10	26.06.2021	5		0	KG	0,00	USD				
Tr./Ev. Delivery note					5			KG	0,00	USD				

Post Goods Issue-VL02N

Change Outbound Delivery

Post Goods Issue

Outbound Delivery: 80000492

Enter storage location from where material is going to be sent

Replenishment Div. 80000492 Change: Overview

Post Goods Issue | Display JIT Calls

Outbound Delv.: 80000492 | Document Date: 26.06.2021

Ship-to party: 2000000501 | QDIL PLANT AS CUSTOMER / California NY 56565

Item Overview | Picking | Loading | Shipment | Status Overview | Goods Movement Data

Pick Date/Time: 06.07.2021 00:00 | OvrllPickStatus: A Not Yet Picked

Warehouse No.: | WM Activity Sts: No WM Trnsf Ord Reqd

Itm	Material	Plnt	SLoc	Req. Segment	Deliv. Qty	Un	Picked Qty	Un	Batch	B.. P V	Stag. Date	Matl...	Val. Ty
10	4500045576	PDIL	SB01		5	KG	5	KG		A	06.07.2021	00:00...	

Replenishment Div. 80000492 has been saved

Check stock

Stock Overview: Basic List

Material: 4500045576
 Test STO with one step
 External Manufacturer:

Material Type: ZMAT Raw materials-ZMAT
 Unit of Measure: KG Base Unit of Measure: KG

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	95,000				5,000	
KUSH Dil Kush Private Limited	95,000				5,000	
PDIL Boston Plant for KUSH	95,000					
SB01 Raw Material	95,000					
QDIL Boston Plant for KUSH					5,000	
QB01 Raw Material					5,000	

Check in MB5T

Display Stock in Transit

Database Selections

Material: 4500045576 to

Receiving Plant: QDIL to

Receiving Plant Company Code: KUSH to

Issuing Plant: PDIL to

Special Stock: to

Stock Transfer Orders
 Cross-Company-Code
 Valuated in Issuing Plant
 Incl. POs w. Del. Cmpl. Status
 Incl. Deleted Purchase Orders
 Incl. Blocked Purchase Orders

Display Stock in Transit

Material	Material description	Plant Name 1
Purch.Doc. Item SPlt S	Quantity BUh Amt.in Loc.Cur. CrCy	Order Quantity OUn Net Order Value CrCy
4500045576	Test STO with one step	QDIL Boston Plant for KUSH
4500001064 10 PDIL	5 KG	5 KG

Display Stock in Transit

Material	Material description	Plnt	Name 1	Purch.Doc.	Item	SPlt	S	Quantity	BUn	Amt.in Loc.Cur.
4500045576	Test STO with one step	QDIL	Boston Plant for KUSH	4500001064	10	PDIL		5	KG	

Stock Transp. Order 4500001064 Created by TRNE134

Document Overview On | Print Preview | Messages | Personal Setting

UB Stock Transp. Ord... 4500001064 | Supplying Plant: PDIL Boston Plant for KUSH | Doc. Date: 26.06.2021

Header

S...	Itm	A	I	Material	Short Text	PO Quantity	O...	C Deliv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
	10			4500045576	Test STO with one step		5	KG D 06.07.2021	Spares	Boston Plant for K...	Raw Material		

Item: 1 [10] 4500045576, Test STO with one step

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Purchase Order History | Texts | Delivery Address | Confirmations | Shipping

Sh. Text	MvT	Material	Document	Item	Posting Date	Quantity	Delivery cost	quantity	OUn	Amt.in Loc.Cur.	L.Cur	Qty in OPUn	DelCostQty (OPUn)	Order Price Unit	Amount	Crcy
WA	641	4900001022		1	26.06.2021	5		0	KG	50,00	USD				50,00	USD
Tr./Ev. Goods issue						5			KG	50,00	USD					
Lfs		80000492		10	26.06.2021	5		0	KG	0,00	USD					
Tr./Ev. Delivery note						5			KG	0,00	USD					

Display Document: Data Entry View

Display Currency | General Ledger View

Data Entry View

Document Number: 4900000013 | Company Code: KUSH | Fiscal Year: 2021

Document Date: 26.06.2021 | Posting Date: 26.06.2021 | Period: 6

Reference: 0080000492 | Cross-Comp.No.: | Texts Exist: | Ledger Group: |

Currency: USD

Co...	Itm	PK	S(Account	Description	Amount	Crcy	Tx	Transaction
KUSH	1	99	5500	Stock Account	50,00-	USD		BSX
	2	89	5500	Stock Account	50,00	USD		BSX

Post goods receipt with respect to Outbound delivery

Enter OBD number

Goods Receipt Outbound Delivery 80000492 - TRNE134

Show Overview | Hold | Check | Post | Help

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

General | Vendor

Document Date: 26.06.2021 | Delivery Note: 80000492 | Di Kush Private Limited
 Posting Date: 26.06.2021 | Bill of Lading: | HeaderText: |
 1 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E... SLoc	Stock Segment	Batch	Valuation ...	M... D Stock Type	PInt
1	Test STO with one step	<input type="checkbox"/>	2	KG Raw Material				101 + Unrestrict... Boston	

Material | Quantity | Where | Purchase Order Data | Partner

Material: Test STO with one step | 4500045576
 Supplier Mat. No.: |
 Material Group: 10-01-01
 EAN in Order Unit: |
 EAN Check: |

Material document 5000000561 posted

No accounting entries gets generated

Here I first posted GR for 2 quantities out of 5 remaining 3 quantities will be present in transit

After again I posted GR for 3 quantities

Display Material Document 5000000562 - TRNE134

Show Overview | Hold | Check | Post | Help

A04 Display | R02 Material Docu... | 5000000562 | 2021

General | Vendor | Doc. info

Document Date: 26.06.2021 | Delivery Note: 0080000492 | Di Kush Private Limited
 Posting Date: 26.06.2021 | Bill of Lading: | HeaderText: |
 1 Individual Slip

Line	Mat. Short Text	V	Qty in UnE	E... SLoc	Stock Segment	Batch	Valuation ...	M... D Stock Type	PInt
1	Test STO with one step	<input type="checkbox"/>	3	KG Raw Material				101 + Unrestrict... Boston Pl	

Material | Quantity | Where | Purchase Order Data | Partner | Output

Material: Test STO with one step | 4500045576
 Supplier Mat. No.: |
 Material Group: 10-01-01

Stock Transp. Order 450001064 Created by TRNE134

Document Overview On Messages Personal Setting

UB Stock Transp. Ord... 450001064 Supplying Plant PDIL Boston Plant for KUSH Doc. Date 26.06.2021

Header

S.	Item	A	I	Material	Short Text	PO Quantity	O...	C	Delv. Date	Matl Group	Plnt	Stor. Location	Batch	Stock Segment
10				4500045576	Test STO with one step	5 KG	D		06.07.2021	Spares	Boston Plant for K...	Raw Material		

Item: 1 [10] 4500045576, Test STO with one step

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Purchase Order History | Texts | Delivery Address | Confirmations | Shipping

Sh. Text	MvT	Material	Document	Item	Posting Date	Quantity	Delivery cost	quantity	OU	Amt.in	Loc.Cur.	L.Cur	Qty in	OPUn	DelCostQty	(OPUn)	Order Price	Unit	Amount	Crcy
WE	101	5000000562			1 26.06.2021	3		0	KG	0,00	USD		3		0	KG		0,00	USD	
WE	101	5000000561			1 26.06.2021	2		0	KG	0,00	USD		2		0	KG		0,00	USD	
Tr./Ev. Goods Receipt						5			KG	0,00	USD		5		KG		0,00	USD		
WA	641	4900001022			1 26.06.2021	5		0	KG	50,00	USD									
Tr./Ev. Goods issue						5			KG	50,00	USD									
Lfs		80000492			10 26.06.2021	5		0	KG	0,00	USD									
Tr./Ev. Delivery note						5			KG	0,00	USD									

Check in MMBE

Selection

Material: 4500045576
 Test STO with one step
 External Manufacturer:

Material Type: ZMAT Raw materials-ZMAT
 Unit of Measure: KG Base Unit of Measure: KG

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consigt ...
Full	100,000					
KUSH Dil Kush Private Limited	100,000					
PDIL Boston Plant for KUSH	95,000					
SB01 Raw Material	95,000					
QDIL Boston Plant for KUSH	5,000					
QB01 Raw Material	5,000					

Thank you for reading!

Vaishnavi Jindam