

SAP S4 HANA MM

SAP Procure to Pay (P2P) Different Scenarios

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Introduction (P2P – Process)

In this document, I would like to explain the different scenarios in the procurement process. The procurement process starts from purchase requisition and ends with payment to the vendor. Hence this process is popular with the word 'P2P' Process. It deals with procuring materials, services, different contracts associated with procurement. I have explained few popular scenarios in this blog post. It is a 3-way matching rule (PO-GR-IV). We will understand the master data activities like a material master, purchase Info record, source list, and transaction activities like Purchase Requisition, Purchase Order, Goods Receipt, and Invoice Posting.

Purchase Requisition: (T-Code- ME51N)

Purchase Requisition is raised by the stores department to the Purchase department internally.

Generally, In the organization, the production department team checks with the store's department team for the required stock/materials. If the stock is available in the warehouse, then the store's department will send the stock to the production department. If the stock is not available in the warehouse, then the store's department will raise the purchase requisition to the purchasing department. Here there's no accounting document. The store's department simply enters the required material and quantity in the purchase requisition.

Purchase Order: (T-Code- ME21N)

The Purchasing department will negotiate the required materials/services with the external vendors, and they will finalize the vendor. The purchase order will be raised by Purchasing Department to the vendor with the agreed price, materials/services, quantity, delivery terms, and payment terms. This kind of information we can find in the Purchase order. If there is any release process (Approval Process) for a Purchase order, we need to get the approvals first before issuing PO to

the vendor. We have different types of PO Processes like Standard(Stock) PO, Service PO, Capex PO (Capital expenditure Purchase order), Opex PO (Operational expenditure purchase order), Consumption PO, Scheduled agreement, and Stock Transport (STO)Purchase orders. There's no accounting document at the time of PO creation.

Goods Receipt: (T-Code- MIGO)

The warehouse department receives the goods from the vendor as per delivery terms. Warehouse department enters Goods Receipt against the Purchase Order in the SAP system. They simply verify the stock and enter the delivered quantity while posting Goods Receipt. In this process, the system will generate two documents – Material document in MM and accounting document in FI.

Accounting Entry for MIGO

Account Description	Currency	DR	CR
Stock/Inventory GL account	INR	10000	
GR/IR Clearing Account	INR		10000

Accounting Entry for MIGO Services Entry: (T-Code- ML81N)

Companies not only procure the materials but also procure different kinds of services from the vendor. We may take services for cleaning or services for IT support/implementation service (ex: SAP implementation). The respective manager department will verify whether the services received or not. It may be measured thru the number of hours (ex: timesheet) or persons worked. The services will be tracked thru the service entry sheet and there is no accounting entry just for creating service entry. The service entry should be released to generate an accounting document. In this process, the system will generate two documents – A service document in MM and an accounting document in FI.

Accounting Entry for MIGO

Account Description	Currency	DR	CR
Expenses GL account	INR	10000	
SR/IR Clearing Account	INR		10000

Invoice Receipt: (T-Code- MIRO)

The accounting Payable team receives the invoices from the vendor. At this stage, a “3-way check will be performed by the standard system automatically. The invoices will be verified automatically against Purchase Order and the Goods Receipt document for the correct price and quantity. It is common practice that the invoice will be blocked for payment as soon as it posted. In this process, the system will generate two documents – The material document in MM and the accounting document in FI. Once the invoice is approved/released and the treasury department will process the payment.

Accounting Entry for MIRO

Account Description	Currency	DR	CR
GR/IR (or) SR/IR Clearing account	INR	10000	
Vendor	INR		10000

Vendor Payment- (T-Code- F-53/F110)

Based on the due date of the invoice, the invoices will be released for payment. The treasury department will make the payment. They use F-53 / F110 (Manual/Automatic) for outgoing payment. In this process, the system will generate one accounting document in FI.

Account Description	Currency	DR	CR
Vendor	INR	10000	
Bank account	INR		10000

Process -1. Standard (Stock) Purchase Order Process

In this process, I'll show you how to create an inventory purchase order. It means that companies buy in bulk and use it internally as needed.

1.1 Purchaser Order Creation- T-Code-ME21N

The screenshot shows the SAP ME21N - Create Purchase Order interface. The vendor field is set to 40010. The purchase organization is set to pil, purchase group to PC2, and company code to pil. In the material table, item 10 (PIL-RM1) is listed with a quantity of 100 KG, delivery date 03/16/2021, net price 1000 INR, and storage location MUM. The table has columns for S., Item, A, I, Material, Short Text, PO Quantity, O..., C, Deliv. Date, Net Price, Curr..., Per, O..., Matl Group, Plnt, and Stor. Location.

Click on enter and save.

Standard PO created under the number 4500000316

1.2 Goods Receipt - MIGO

Enter the purchase order number and click on enter.

The screenshot shows the SAP MIGO - Goods Receipt Purchase Order interface. The purchase order number is entered as 4500000316. The GR goods receipt quantity is set to 101. The document date and posting date are both 03/16/2021. The header text field is empty.

Enter the Quantity in Delivery Note. If everything is ok. Click on Item Ok check box and Save

Goods Receipt Purchase Order 4500000316

Hide Overview | Hold | Check | Post | Help

Goods Receipt | Purchase Order | GR goods receipt 101

My Documents

- Purchase Orders
 - 4500000316
 - 4500000315
 - 4500000314
 - 4500000313
 - 4500000311
 - 4500000310
 - 4500000309
 - 4500000308
 - 4500000307
 - 4500000305
- Orders
 - Blank
 - Reservations
 - Blank
- Material Documents
 - 5000000338
 - 5000000337
 - 5000000336
 - 5000000335
 - 4900000030
 - 5000000334
 - 4900000026
 - 5000000333
 - 5000000332
 - 5000000331
- Held Data
 - Blank

General Vendor

Document Date	03/16/2021	Delivery Note		Vendor	ABC vendor
Posting Date	03/16/2021	Bill of Lading		HeaderText	
Print Individual Slip					

Line	Mat. Short Text	OK	Qty in UnE	E...	SLoc	Profit Center	Batch	Valuation ...	M...	D...	Stock Type	Print	S...
1	RAWMATERIALS-1		100		KG	MUMBAI LOCATION	1000		101	+ Unrestrict...	MUMBAI PL...		

Buttons: Save, Print, Delete, Contents, etc.

Material Quantity Where Purchase Order Data Partner Account Assignment

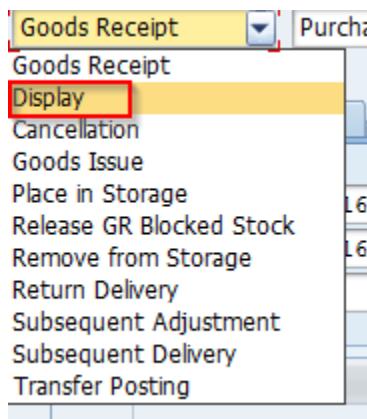
Qty in Unit of Entry	100	KG
Qty in SKU	100	KG
Qty in Delivery Note	100	
Quantity Ordered	100	KG

Buttons: Save, Item OK, Line, etc.

SAP

Material document 5000000339 posted

If you want to verify the receipt of the goods, select the Display option. It shows Goods Receipt Document.



Display Material Document: Data Entry View

Entered By: REDDYA
Created On: 03/16/2021 13:13:53
Transaction Code: Goods Movement MIGO_GR

Line	Mat. Short Text	Qty in UnE	E...	SLoc	Bu...	Profit Center	Batch	Valuation ...	M...	D Stock Type	PInt	S...
1	RAWMATERIALS-1	100	KG	MUMBAI LOCATION	MUMB	1000		101 + Unrestrict...		MUMBAI PL...		

Documents in Accounting

- Doc. Number Object type text: 5000000006 Accounting document
- 5000000006 Accounting document
- 0000000046 Profit center doc.

Data Entry View

Document Number	5000000006	Company Code	PIL	Fiscal Year	2021
Document Date	03/16/2021	Posting Date	03/16/2021	Period	3
Reference		Cross-Cmp. No.			
Currency	INR	Texts exist	<input type="checkbox"/>	Ledger Group	

Co...	Itm PK	Account	Description	Profit Center	Order	Cost Center	Amount Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1 89	200121	inventory raw.LOCAL	1000			10,000.00 INR	INR	10,000.00	133.33	USD
	2 96	100525	GR/IR CLEARING RM	1000			10,000.00- INR	INR	10,000.00-	133.33-	USD

1.3 Invoice Receipt - MIRO

Enter the Invoice Date, Reference, and PO number then click enter

Enter Incoming Invoice: Company Code PIL

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

Transaction: Invoice

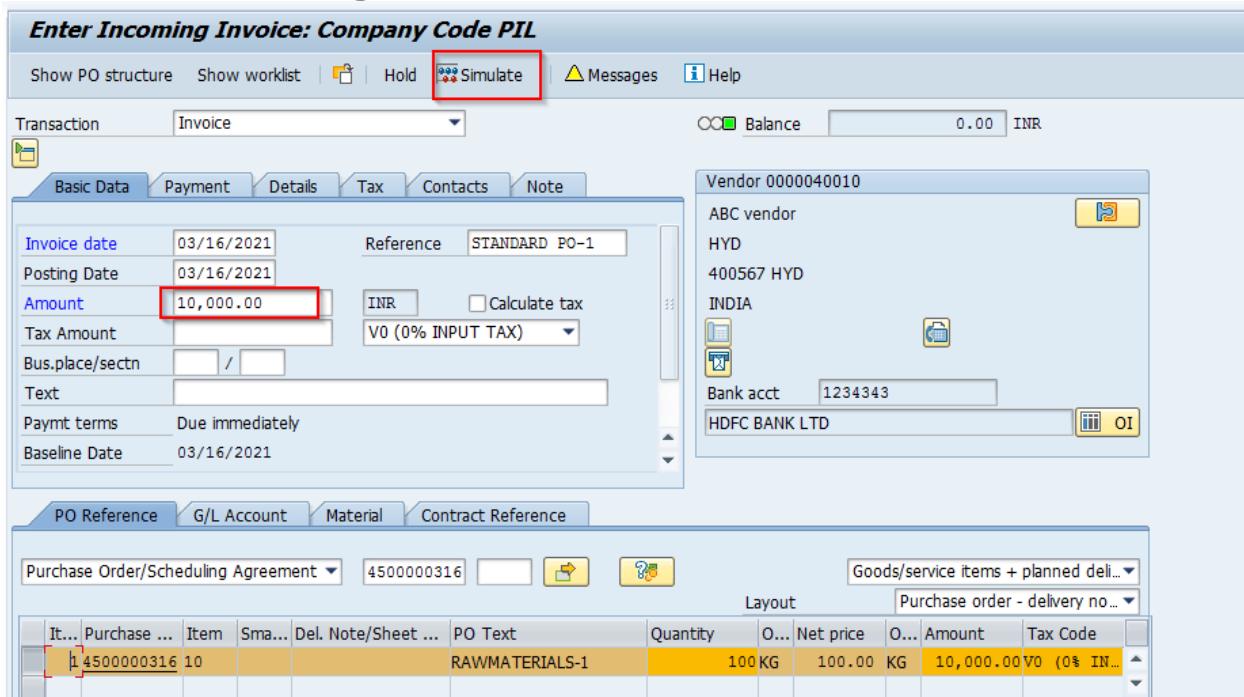
Basic Data

Invoice date	03/16/2021	Reference	STANDARD PO-1
Posting Date	03/16/2021	<input type="checkbox"/> Calculate tax	
Amount		VO (0% INPUT TAX)	
Tax Amount			
Bus.place/sectn	/		
Text			
Company Code	PIL PIDILITE INDUSTRIES MUMBAI		

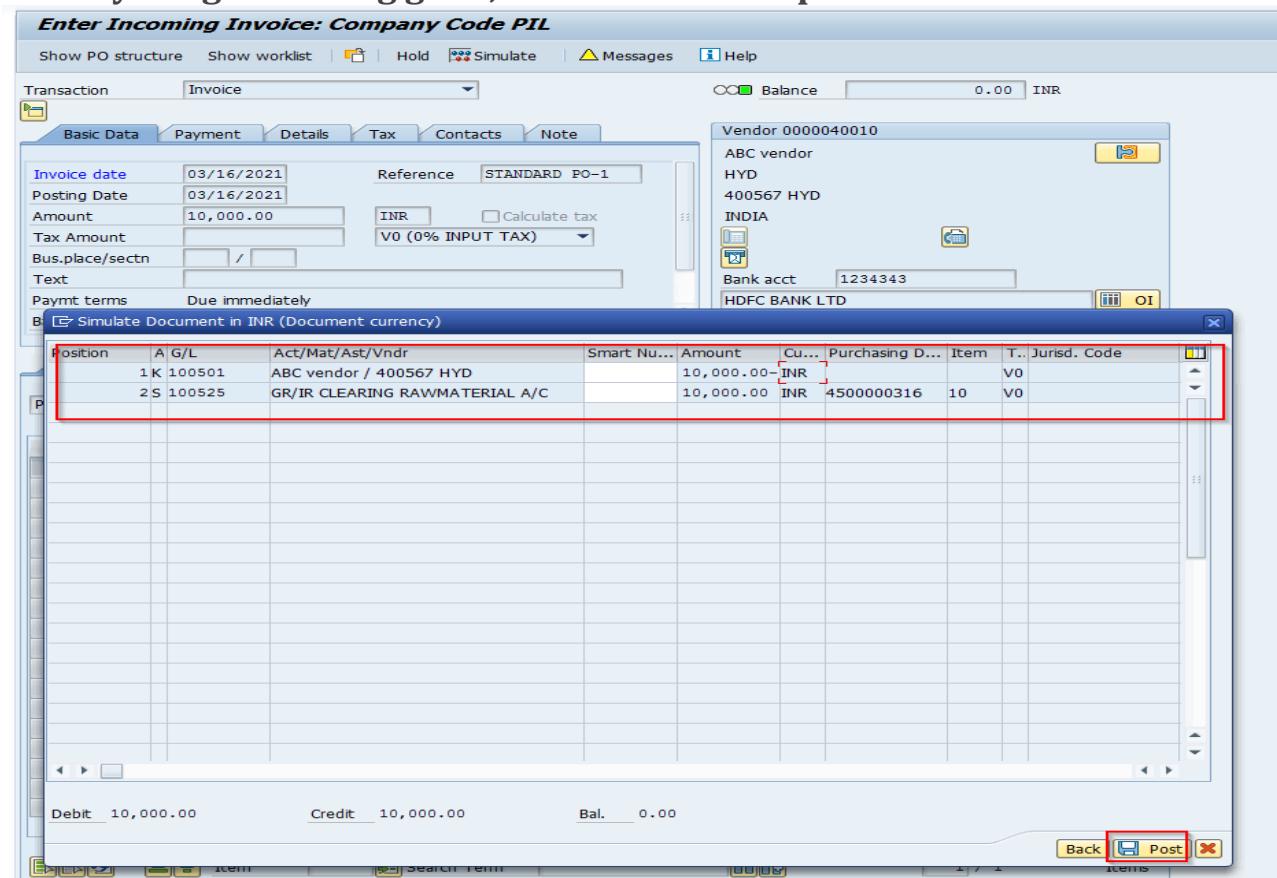
PO Reference

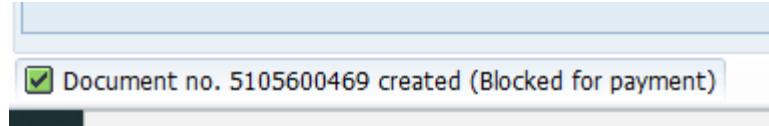
Purchase Order/Scheduling Agreement: 4500000316

If you want to see the accounting entries before save, click on simulate and check accounting entries.



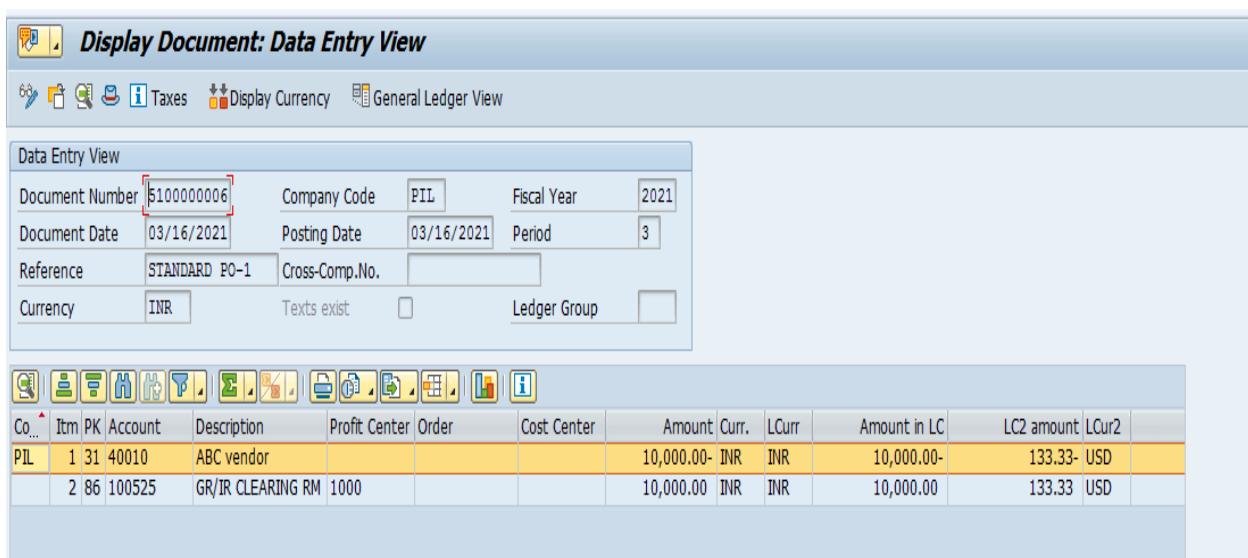
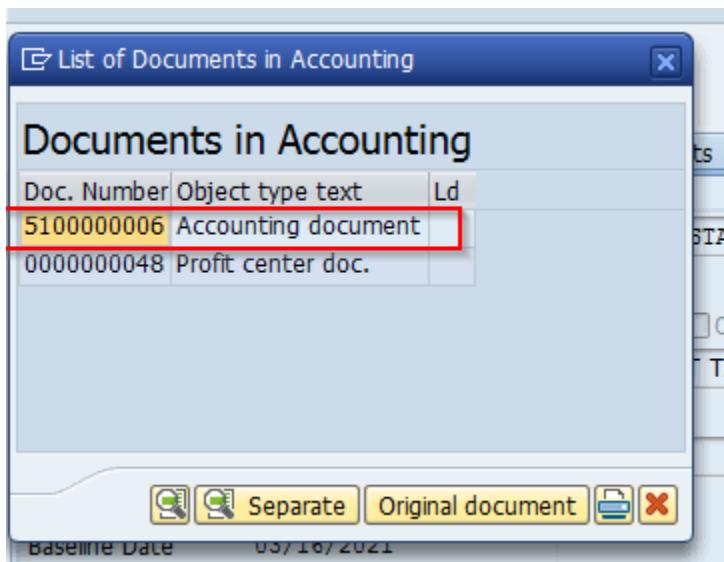
If everything is looking good, then click on the post.





If you want to view Accounting Documents, From the Menu - Invoice Document- Display

Click on Follow-on- Documents and Double click on the accounting document



1.4 Verify Material/Stock Report - MB5B

Enter the Material, Plant, and company code details and execute.

Stock on Posting Date

Database Selections

Material Number	PIL-RM1	to		
Company Code	PIL	to		
Plant	PIL	to		
Storage Location	MUM	to		
Batch		to		
Valuation Type		to		
Movement Type		to		
Special Stock Indicator				
Selection Date		to		

Stock Type

Storage Loc./Batch Stock
 Valuated Stock
 Special Stock

List Scope

► Category

Material Stocks Between 01/01/0000 and 12/31/9999

Valuation Area PIL
 Material PIL-RM1
 Description RAWMATERIALS-1

Stock/Value on 01/01/0000 0 KG 0.00 INR
 Total/Val. of Receipts 470 KG 49,800.00 INR
 Total/Value of Issues 240- KG 25,500.00- INR
 Stock/Value on 12/31/9999 230 KG 24,300.00 INR

SLoc	MvT	S	Mat. Doc.	Item	DocumentNo	Pstng Date	Quantity	BUn	Amount in LC
					5100000002	03/15/2021	0	KG	1,000.00
					5100000003	03/15/2021	0	KG	300.00
MUM	201	4900000025	1	4900000000	03/15/2021	20-	KG		2,000.00-
MUM	201	4900000026	1	4900000001	03/15/2021	130-	KG		14,000.00-
MUM	201	4900000027	1	4900000002	03/15/2021	40-	KG		4,000.00-
MUM	501	4900000028	1	4900000003	03/15/2021	100	KG		11,000.00
MUM	501	4900000029	1	4900000004	03/15/2021	50	KG		5,500.00
MUM	201	4900000030	1	4900000005	03/15/2021	50-	KG		5,500.00-
MUM	101	50000000331	1	5000000000	03/15/2021	100	KG		10,000.00
MUM	101	50000000333	1	5000000002	03/15/2021	50	KG		5,000.00
MUM	101	50000000334	1	5000000003	03/15/2021	70	KG		7,000.00
MUM	101	50000000339	1	5000000006	03/16/2021	100	KG		10,000.00

1.5 Goods Issue for Consumption – MIGO

Let's say, we have procured stock. Now the production department requested some material in the manufacturing process or some other purpose. Then we need to issue material internally. The material will be moved from the warehouse department to the production department.

The system will generate an accounting document.

Display Document: Data Entry View

Display Currency General Ledger View

Document Number	4900000006	Company Code	PIL	Fiscal Year	2021
Document Date	03/16/2021	Posting Date	03/16/2021	Period	3
Reference		Cross-Comp.No.			
Currency	INR	Texts exist	<input type="checkbox"/>	Ledger Group	

CoCd Itm Pf Account Description Profit Center Cost Center Amount Curr. LCurr

PIL 2 81 400000	RAWMATERIAL CONSUMPT	1000	PIL100	5,282.61	INR	INR
PIL 1 99 200121	Inventory RM-Local	1000		5,282.61-	INR	INR

1.6 Material Report – MB5B

It shows the consumption information.

Material Stocks Between 01/01/0000 and 12/31/9999

SLoc	MvT	S	Mat. Doc.	Item	DocumentNo	Pstng Date	Quantity	BUn	Amount in LC
					5100000002	03/15/2021	0	KG	1,000.00
					5100000003	03/15/2021	0	KG	300.00
MUM	201		4900000025	1	4900000000	03/15/2021	20-	KG	2,000.00-
MUM	201		4900000026	1	4900000001	03/15/2021	130-	KG	14,000.00-
MUM	201		4900000027	1	4900000002	03/15/2021	40-	KG	4,000.00-
MUM	501		4900000028	1	4900000003	03/15/2021	100	KG	11,000.00
MUM	501		4900000029	1	4900000004	03/15/2021	50	KG	5,500.00
MUM	201		4900000030	1	4900000005	03/15/2021	50-	KG	5,500.00-
MUM	101		5000000331	1	5000000000	03/15/2021	100	KG	10,000.00
MUM	101		5000000333	1	5000000002	03/15/2021	50	KG	5,000.00
MUM	101		5000000334	1	5000000003	03/15/2021	70	KG	7,000.00
MUM	201		4900000031	1	4900000006	03/16/2021	50-	KG	5,282.61-
MUM	101		5000000339	1	5000000006	03/16/2021	100	KG	10,000.00

1.7 Payment-F-53/F110

Account Description	Currency	DR	CR
Vendor	INR	10000	
Bank account	INR		10000

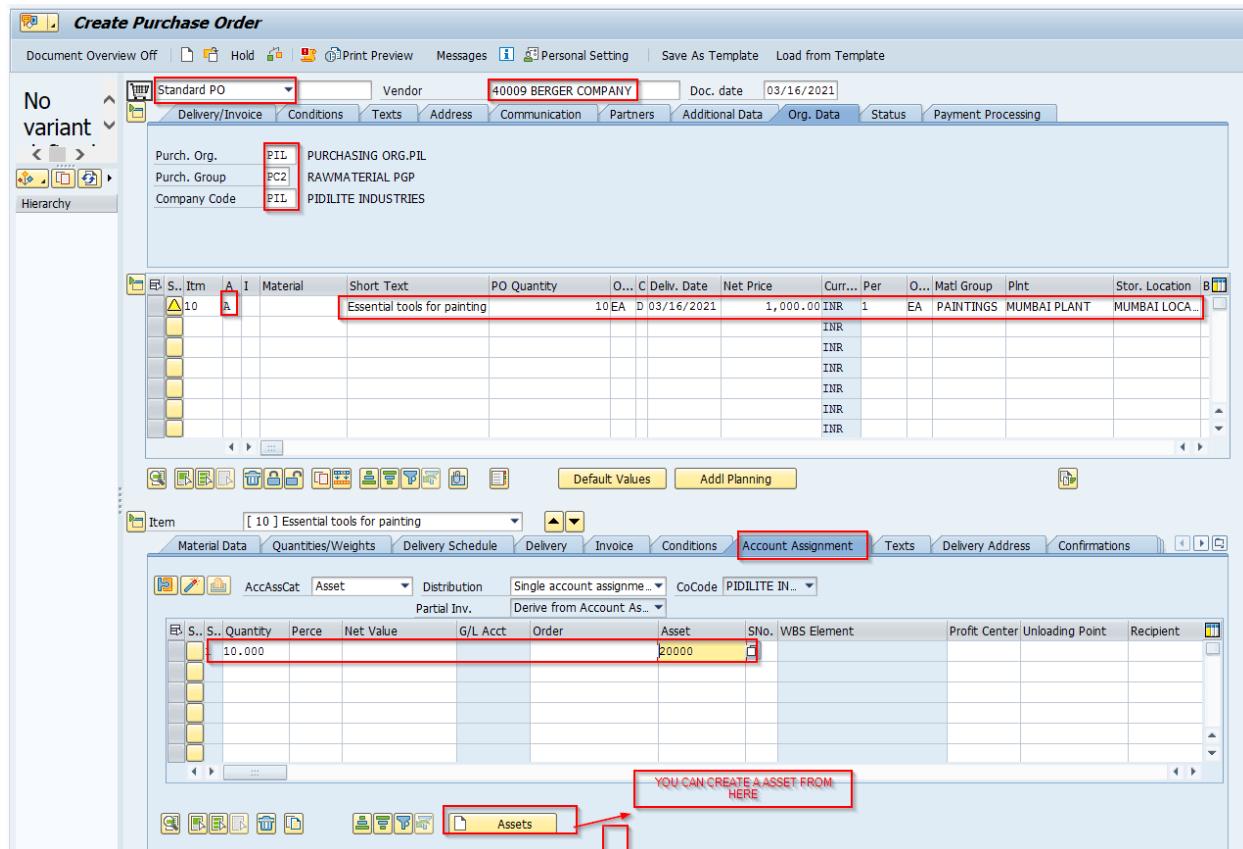
2. Capex (Capital Expenditure) Purchase Order Process

In this procedure, I will demonstrate how to create an Asset purchase order. Already created an asset in the SAP system using transaction code- AS01. It is also possible to create an asset during the purchase order creation.

Enter the Vendor number against the Asset PO/Standard PO then click on enter. Enter Purchase org, Purchase Group, and Company code information in the header part.

At the line-item level there you need to select the Account assignment - 'A' (Asset related) enter short text, quantity, delivery terms, plant, and storage location.

Please choose the Asset under the account assignment tab if you have already created it through AS01 otherwise you can create from here. (There is an Asset creation option under there) then Save it.

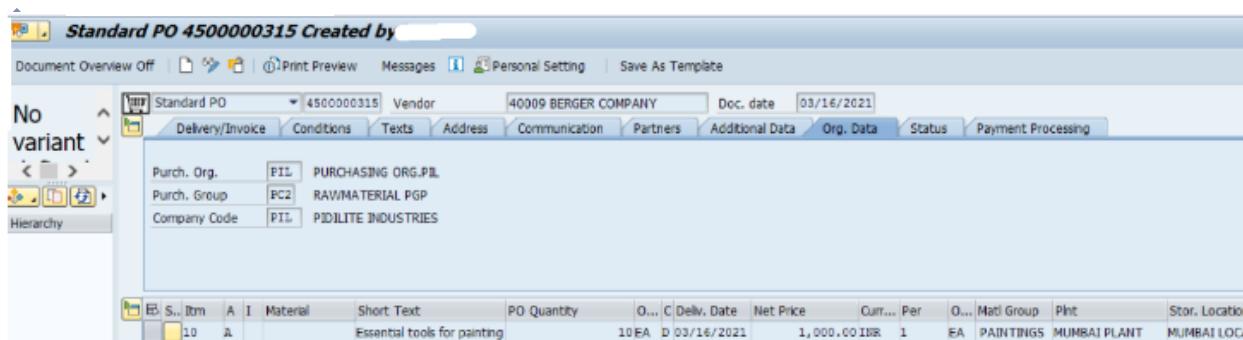


Note: If you want, you can create the Asset on the same screen. But here I am not creating, because I have created the Asset using (T-Code-AS01)

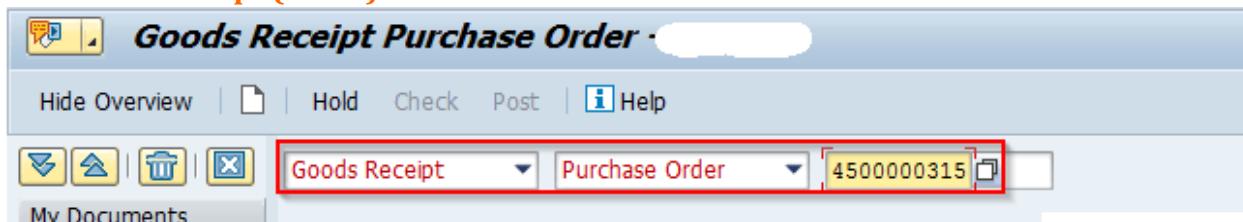
Click Save and system has been generated the below PO Document.

Standard PO created under the number 4500000315

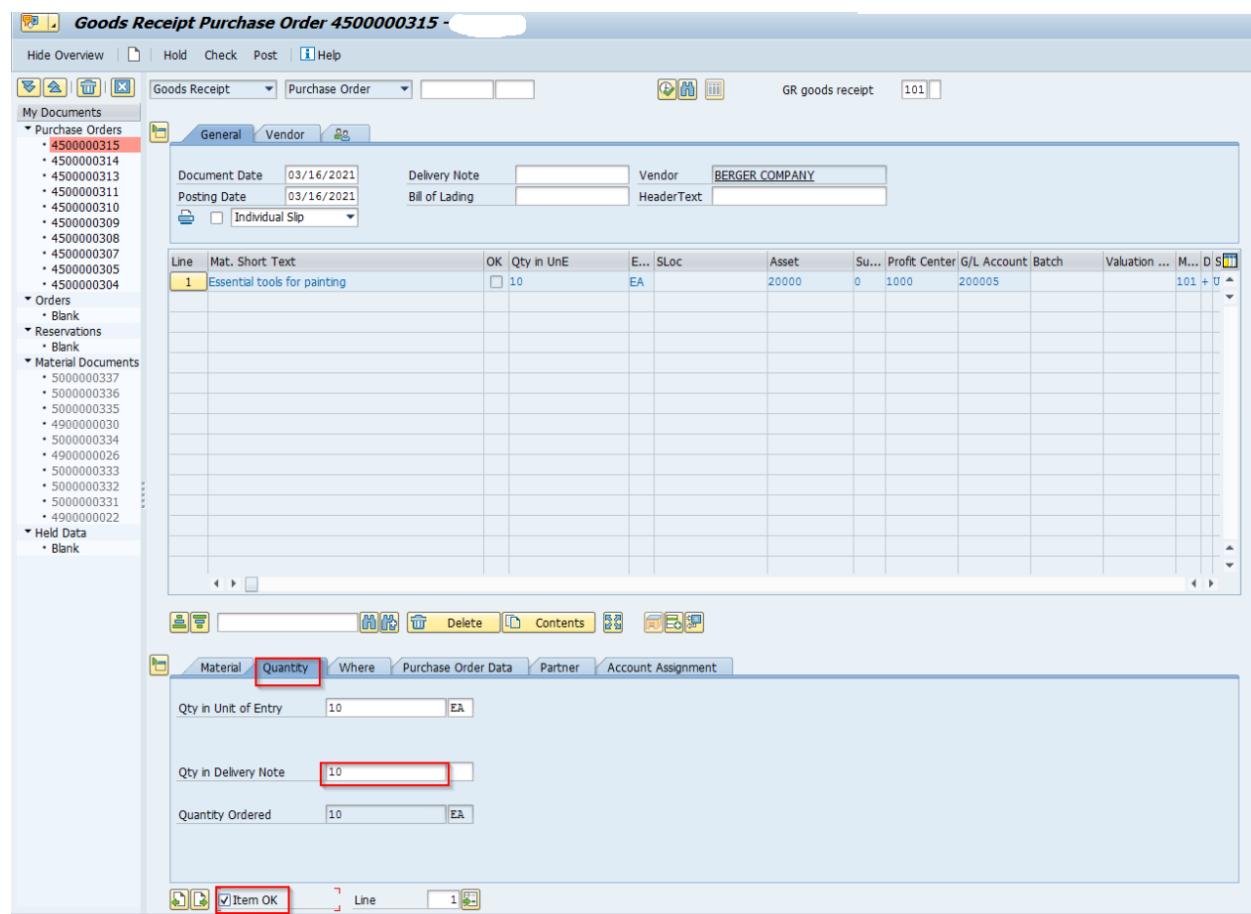
Display the PO Document: T-Code-ME23N



2.2 Goods Receipt (MIGO)



Click on enter, enter the quantity in the delivery note and click on the 'Item ok' check box and save.

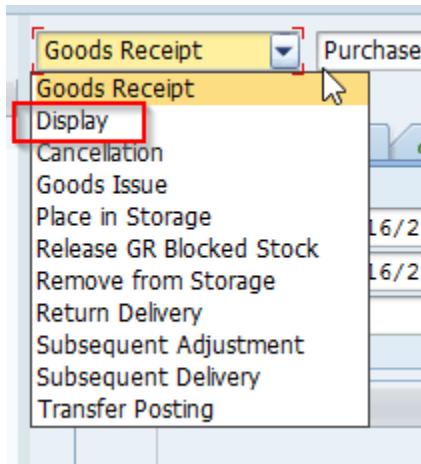


The system has generated the material Document. The System doesn't generate the FI/Accounting document during this process. It will generate only an MM document. You can see the below screens for more information.

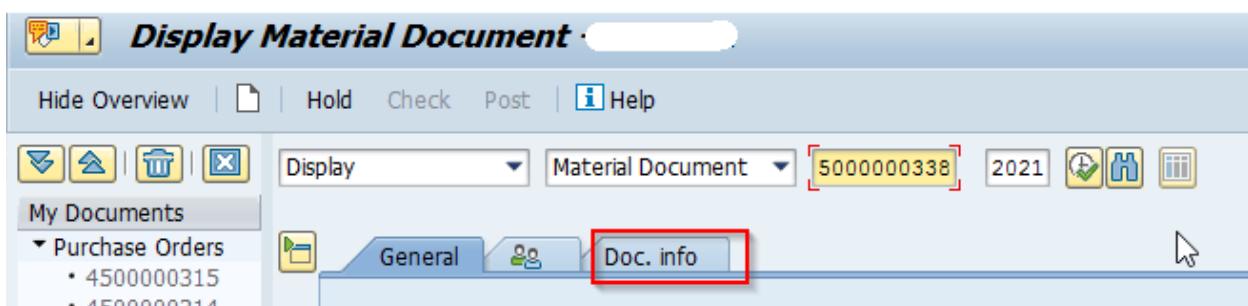
Material document 5000000338 posted

Display GRN Document:

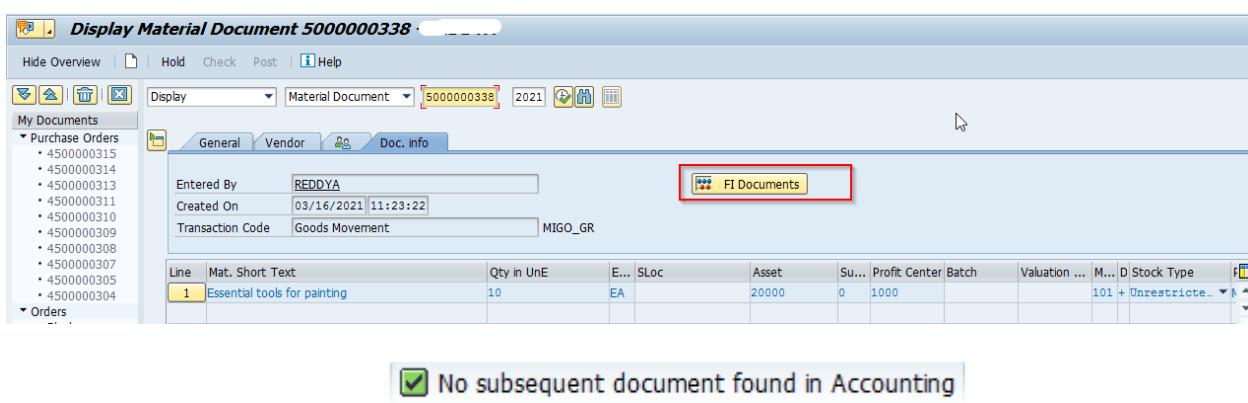
In the same screen, Under Goods Receipt select Display.



Click on Doc.info



Click on FI Documents



2.3 Invoice Posting (MIRO)

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold Simulate Messages Help

Transaction: Invoice Balance: 0.00 INR

Invoice date: 03/16/2021	Reference: ASSET PO2
Posting Date: 03/16/2021	
Amount: 10,000.00 INR	<input type="checkbox"/> Calculate tax V0 (0% INPUT TAX)
Tax Amount:	
Bus.place/sectn:	/
Text:	
Paymt terms: Due immediately	
Baseline Date: 03/16/2021	

Vendor 0000040009
 BERGER COMPANY
 DAKC
 400678 MUMBAI
 INDIA
 Bank acct: 123345
 citi operating bank, mumbai branch OI

PO Reference G/L Account Material Contract Reference

Purchase Order/Scheduling Agreement: 4500000315

It...	Purchase ...	Item	Sma...	Del.	Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code
14500000315	10					Essential tools for painting	10 EA	1,000.00 EA	10,000.00	V0 (0% INR)		

Click on simulate, then you can see the document in simulation view. if everything is good, just post it.

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold **Simulate** Messages Help

Transaction: Invoice Balance: 0.00 INR

Invoice date: 03/16/2021	Reference: ASSET PO2
Posting Date: 03/16/2021	
Amount: 10,000.00 INR	<input type="checkbox"/> Calculate tax

Simulate Document in INR (Document currency)

Position	A	G/L	Act/Mat/Ast/Vndr	Smart Number	Amount	Curre...	Purchasing...	Item	T..	Jurisd. Code	T..
1 K	100501	BERGER COMPANY / 4006			10,000.00	INR		V0			
3 A	200005	BUILDINGS			10,000.00	INR	4500000315	10	V0		

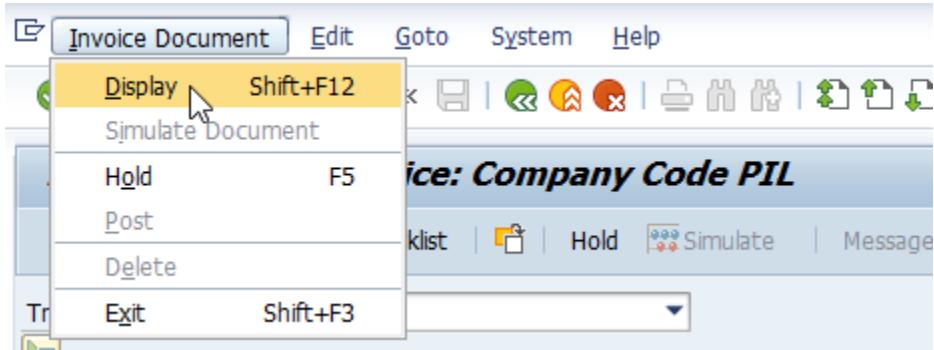
Debit: 10,000.00 Credit: 10,000.00 Bal.: 0.00

Back Post **Post**

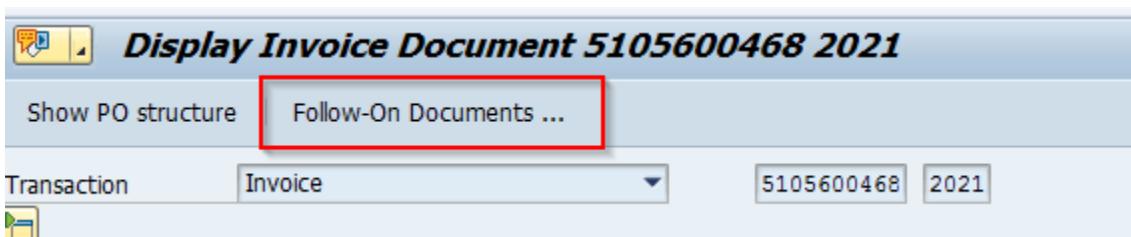
System generated an invoice document.

Document no. 5105600468 created (Blocked for payment)

Go to the Menu- Invoice document- Display. you can be able to see the IV document.



Click on follow-on-documents



the system has been generated the below documents.

List of Documents in Accounting		
Documents in Accounting		
Doc. Number	Object type	text
5100000005	Accounting document	Ld
0000000045	Profit center doc.	
5105600468	Asset Transaction	

Double click on the respected document to see the accounting entry.

FI-Document

Display Document: Data Entry View

Document Number: 5100000005 Company Code: PIL Fiscal Year: 2021
 Document Date: 03/16/2021 Posting Date: 03/16/2021 Period: 3
 Reference: ASSET PO2 Cross-Comp.No.:
 Currency: INR Texts exist: Ledger Group:

Co...	Itm	PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1	31	40009	BERGER COMPANY				10,000.00-	INR	INR	10,000.00-	133.33-	USD
	2	70	200005	000000020000 0000	1000			10,000.00	INR	INR	10,000.00	133.33	USD

Asset Transaction to see the asset document.

Overview of Asset Accounting Documents

Acct Doc. Originals Display purchase order Note

Asset: 20000 Floor-2
 Company code: PIL PIDILITE INDUSTRIES

01 Book deprec. / INR							
AstValDt	Amount Posted	TTy	Trans. Type	Text	Ord. Dep.	Spec. Dep.	
03/16/2021	10,000.00	100	External asset acquisition		0.00		

FBL1N Report:

Vendor Line Item Display

CoCd Account St AccTy Cash disc.1 due Cash disc. amt LC DocumentNo Plan. grp Level PBk PM Patng Date Ty DD Amount in DC Curr. Bline Date Reference Inv. ref. Text

PIL 40009		K	X		0.00	5100000000		B	03/15/2021	RE	10,000.00-	INR	03/15/2021	111	5100000000	INVOICE REFERENCE
PIL 40009		K			0.00	5100000005		B	03/16/2021	RE	10,000.00-	INR	03/16/2021	ASSET PO2	5100000005	
* PIL 40009											20,000.00-	INR				
** PIL 40009											20,000.00-	INR				

2.4 Payment to Vendor (F-53/F110)

The treasury department will make the payment. They use F-53 / F110 (Manual/Automatic) for outgoing payment.

Movement Types and Transaction Keys With the combination of Movement Types and Transaction Keys, the system will determine the GL accounts. The configuration should be maintained in the 'T.Code-OBYC' Settings.

Movement types	Transaction Keys/Process Keys
101- Material/Goods Receipt against PO	BSX- Inventory Posting
102- Reversal of 101	WRX- Goods Receipt/Invoice Receipt(GR/IR)
201- Goods Issue to Cost Center	PRD- Price Difference/Production Order Differences
202- Reversal of 201	GBB- Off Setting Entry for Inventory Postings
261- Goods Issue to Orders	VBR- Consumption
262- Reversal of 261	VNG- Scrapping
521- Production Receipt without Production Order	BSA- Opening Stock
522- Reversal of 521	ZOF- Production Receipt without Production Order
601- Delivery(Sales)	AUF- Production Receipt with Production Order
602- Reversal of 601	VAY- Delivery where Sales account is created as Revenue Element
301- stock transfer to one Plant to another Plant	VAX- Delivery where Sales account is not created as Revenue Element
	AUA- Production Order Differences

3. Consumption Purchase Order

3.1 Purchase Order creation- T-Code-ME21N

Enter the information in the line item level like Account Assignment – K(Cost Center), Material code, Quantity, Unit of measure, Delivery date, Net-price, Currency, Material group, Plant and Storage location. Enter the required information in the below screen and click on enter.

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Pint	Stor. Location
	K			PTI-RM1		25KG		03/16/2021		100inr			PIL1	pil	MUM	

In the below screen, Under the 'Account Assignment' tab enter the correct GL account and Cost Center.

The screenshot shows the SAP 'Create Purchase Order' interface. At the top, the title bar says 'Create Purchase Order'. Below it, the 'Delivery/Invoice' tab is selected. In the main area, there's a table for item details:

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C Delv. Date	Net Price	Curr...	Per	O...	Matl Group	Pint	Stor. Location
10	K	PIL-RM1		RAWMATERIALS-1		25 KG	D	03/16/2021	100.00	INR	1	KG	PAINTINGS	MUMBAI PLANT	MUMBAI LOCA
										INR					
										INR					
										INR					
										INR					
										INR					
										INR					
										INR					

Below the table, there are buttons for 'Default Values' and 'Add Planning'. Further down, the 'Account Assignment' tab is selected in the navigation bar. It shows the following fields:

- G/L Account: 400000
- CO Area: PIL
- Cost Center: PIL100

Enter and Save.

Standard PO created under the number 4500000317

3.2 Goods receipt - MIGO

Enter the Purchase order number against the Goods Receipt and click enter

The screenshot shows the SAP 'Goods Receipt Purchase Order' interface. The title bar says 'Goods Receipt Purchase Order -'. Below it, the 'Purchase Order' field is highlighted with a red box and contains the number '4500000317'. There are also buttons for 'Goods Receipt' and 'Purchase Order'.

In the below screen, Enter the quantity in the delivery note and select the item OK check box if everything looks good, and then save it. The system has generated the Accounting document.

Goods Receipt Purchase Order 4500000317

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000316
 - 4500000315
 - 4500000314
 - 4500000313
 - 4500000311
 - 4500000310
 - 4500000309
 - 4500000308
 - 4500000307
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000339
 - 5000000338
 - 5000000337
 - 5000000336
 - 5000000335
 - 4900000030
 - 5000000334
 - 4900000026
 - 5000000333
 - 5000000332
- Held Data
 - Blank

Goods Receipt | Purchase Order | GR goods receipt 101

General Vendor

Document Date: 03/16/2021 Delivery Note: Vendor: ABC vendor

Posting Date: 03/16/2021 Bill of Lading: HeaderText:

Line Mat. Short. Text OK Qty in UnE E... S... SLoc Cost Center Profit Center G/L Account Batch Valuation ... M... D Stock

1	RAWMATERIALS-1	<input type="checkbox"/>	25	KG	PIL100	1000	400000		101 + Unres
---	----------------	--------------------------	----	----	--------	------	--------	--	-------------

Material Quantity Where Purchase Order Data Partner Account Assignment

Qty in Unit of Entry: 25 KG

Qty in SKU: 25 KG

Qty in Delivery Note: 25

Quantity Ordered: 25 KG

Item OK Line 1

Material document 5000000340 posted

Display Goods receipt document

Display Material Document 5000000340

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000317
 - 4500000316
 - 4500000315
 - 4500000314
 - 4500000313
 - 4500000311
 - 4500000310
 - 4500000309
 - 4500000308
 - 4500000307
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000346
 - 5000000339
 - 5000000338
 - 5000000337
 - 5000000336
 - 5000000335
 - 4900000030
 - 5000000334
 - 4900000026
 - 5000000333
- Held Data
 - Blank

Display Material Document 5000000340 2021 FI Documents

General Doc. Info

Entered By: RDODYA Created On: 03/16/2021 14:10:30 Transaction Code: Goods Movement N150_GR

Line Mat. Short. Text Qty in UnE E... S... SLoc Cost Center Bu... Profit Center G/L Account Batch Valuation ... M... D Stock

1	RAWMATERIALS-1	25	KG	PIL100	M100	1000	400000		101 + Unres
---	----------------	----	----	--------	------	------	--------	--	-------------

Lat of Documents in Accounting

Documents in Accounting

Doc. Number Object type text Id

- 5000000340 Accounting document
- 5000000350 Profit center doc.
- 400000021 Controlling Document

Separate Original document

The values will NOT go to the inventory/stock GL account. It will be consumed directed and hit the P&L GL Account-Consumption account.

Co..	Itm PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1	81 400000	RAWMATERIAL CONSUMPT	1000		PIL100	2,500.00	INR	INR	2,500.00	33.33	USD
	2	96 100525	GR/IR CLEARING RM	1000			2,500.00-	INR	INR	2,500.00-	33.33-	USD

3.3 Invoice receipt - MIRO

Enter the Invoice date, reference, and PO number under the PO Reference tab then click enter

In the below screen, enter the Invoice amount then click on simulate to verify the accounting document

Enter Incoming Invoice: Company Code PIL

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

Transaction: **Invoice** Balance: 0.00 INR

Basic Data		Payment	Details	Tax	Contacts	Note
Invoice date	03/16/2021	Reference	INVOICE FOR CC			
Posting Date	03/16/2021					
Amount	2,500.00	INR	<input type="checkbox"/> Calculate tax	V0 (0% INPUT TAX)		
Tax Amount						
Bus.place/sectn		/				
Text						
Paymnt terms	Due immediately					
Baseline Date	03/16/2021					

Vendor 0000040010

ABC vendor
HYD
400567 HYD
INDIA
Bank acct 1234343
HDFC BANK LTD

PO Reference **G/L Account** **Material** **Contract Reference**

Purchase Order/Scheduling Agreement: **4500000317**

It...	Purchase ...	Item	Smal...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code
1	4500000317	10			RAWMATERIALS-1	25 KG	100.00	KG		V0 (0% IN	

Document no. 5105600469 created (Blocked for payment)

Display Accounting documents

From the Menu- Invoice document-Display, Click on Follow-on-documents, then double click on Accounting document

List of Documents in Accounting

Documents in Accounting

Doc. Number	Object type	Ld
5100000006	Accounting document	
0000000048	Profit center doc.	

Separate **Original document**

Display Document: Data Entry View

Data Entry View

Document Number	5100000007	Company Code	PIL	Fiscal Year	2021
Document Date	03/16/2021	Posting Date	03/16/2021	Period	3
Reference	INVOICE FOR CC	Cross-Comp.No.			
Currency	INR	Texts exist		Ledger Group	

Co...	Itm PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1 31 40010	ABC vendor				PIL100	2,500.00-	INR	INR	2,500.00-	33.33-	USD
	2 86 100525	GR/IR CLEARING RM	1000				2,500.00	INR	INR	2,500.00	33.33	USD

3.4 Verify Material Report – MB5B

Stock on Posting Date

Database Selections

Material Number	PIL-RM1
Company Code	PIL
Plant	PIL
Storage Location	
Batch	
Valuation Type	
Movement Type	
Special Stock Indicator	

Selection Date: [] to []

Stock Type:

- Storage Loc./Batch Stock
- Valuated Stock
- Special Stock

Material Stocks Between 01/01/0000 and 12/31/9999

Plant: PIL MUMBAI PLANT
Material: PIL-RM1
Description: RAWMATERIALS-1

Stock on 01/01/0000 0 KG
Total Receipts 470 KG
Total Issues 290- KG
Stock on 12/31/9999 180 KG

SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	201		4900000025	1	03/15/2021	20-	KG
MUM	201		4900000026	1	03/15/2021	130-	KG
MUM	201		4900000027	1	03/15/2021	40-	KG
MUM	501		4900000028	1	03/15/2021	100	KG
MUM	501		4900000029	1	03/15/2021	50	KG
MUM	201		4900000030	1	03/15/2021	50-	KG
MUM	101		5000000331	1	03/15/2021	100	KG
MUM	101		5000000333	1	03/15/2021	50	KG
MUM	101		5000000334	1	03/15/2021	70	KG
MUM	201		4900000031	1	03/16/2021	50-	KG
MUM	101		5000000339	1	03/16/2021	100	KG

Note: You can not see the Consumption related stocks information in the Material Report(MB5B).

4. Stock PO with Price Differences

Scenario:

User-created a purchase order for the value of 10,000 rupees (100 Qty, 100 rupees each quantity). The business has agreed to pay the market rates. The vendor has sent a bill for 12000 rupees. Basically, the price is increased by 20 rupees for each quantity.

1. If the stock is fully available, then the difference amount goes to the stock/ material account.
2. If the stock is fully consumed, the difference amount or price goes to the price difference account.
3. If the stock is partially consumed, like if you have a total of 100 quantities of stock, and you have consumed 40 quantities of stock. So in this case you have 60 quantity of stock is available. in this process, the system will transfer the 60 quantity of stock amount to the stock/Inventory account and 40 quantity of stock amount (or consumed stock) to the price difference account.

4.1 Purchase Order creation-ME21N

The screenshot shows the SAP ME21N - Create Purchase Order interface. The vendor field is set to '40010 ABC vendor'. The purchase organization is 'PIL' and the purchasing group is 'PC2'. The company code is also 'PIL'. In the item table, there is one row for item 'PIL-RM1' with a quantity of 100 KG. The message bar at the bottom indicates that a standard purchase order was created under number 4500000318.

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Pint	Stor. Location	B
				PIL-RM1		100 KG		03/16/2021	100 inr			PIL1	pil	MUM		

Click on enter and save.

Standard PO created under the number 4500000318

4.2 Goods Receipt-MIGO

Goods Receipt Purchase Order 4500000318 -

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000318
 - 4500000317
 - 4500000316
 - 4500000315
 - 4500000314
 - 4500000313
 - 4500000311
 - 4500000310
 - 4500000309
 - 4500000308
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000340
 - 5000000339
 - 5000000338
 - 5000000337
 - 5000000336
 - 5000000335
 - 4900000030
 - 5000000334
 - 4900000026
 - 5000000333
- Held Data
 - Blank

Goods Receipt | Purchase Order | 4500000318

General Vendor

Document Date	03/16/2021	Delivery Note		Vendor	ABC vendor
Posting Date	03/16/2021	Bill of Lading		HeaderText	
<input type="checkbox"/> Individual Slip					
Line	Mat. Short Text	OK	Qty in UnE	E...	SLoc
1	RAWMATERIALS-1		100	KG	MUMBAI LOCATION 1000
				Valuation ...	M... D Stock Type
				101 + Unrestrict...	MUMBAI...

Material Quantity Where Purchase Order Data Partner Account Assignment

Qty in Unit of Entry	100	KG
Qty in SKU	100	KG
Qty in Delivery Note	100	
Quantity Ordered	100	KG

Item OK Line 1

SAP

Material document 5000000341 posted

Display Material Document 5000000341 -

Hide Overview | Display | Material Document | 5000000341 | 2021 | Help

My Documents

- Purchase Orders
 - 4500000318
 - 4500000317
 - 4500000316
 - 4500000315
 - 4500000314
 - 4500000313
 - 4500000311
 - 4500000310
 - 4500000309
 - 4500000308
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000341
 - 5000000340
 - 5000000339
 - 5000000338
 - 5000000337
 - 5000000336
 - 5000000335
 - 4900000030
 - 5000000334
 - 4900000026

Display | Material Document | 5000000341 | 2021 | Help

General Vendor Doc. info

Entered By	REDDYA
Created On	03/16/2021 14:32:18
Transaction Code	Goods Movement

FI Documents

List of Documents in Accounting

Line	Mat.	E...	SLoc	Bu...	Profit Center	Batch	V...
1	RAWMATERIALS-1	KG	MUMBAI LOCATION	MUMB	1000		

Documents in Accounting

Doc. Number	Object type text
5000000008	Accounting document
0000000053	Profit center doc.

Separate | Original document |

4.3 Stock Issue to the Cost Center-MIGO

Enter Goods Issue: New Items

To Reservation... To Order...

Movement Type	201 GI for cost center
G/L Account	
Cost Center	PIL200
Recipient	

Items

F Item Material	Quantity	UnE	SLoc	Batch	Re	Plnt
PIL-RM1	50	KG	MUM		PIL	

Document 4900000032 posted

4.4 Verify Material Report-MB5B

Material Stocks Between 01/01/0000 and 12/31/9999

Plant PIL MUMBAI PLANT
 Material PIL-RM1
 Description RAWMATERIALS-1

Stock on 01/01/0000 0 KG
 Total Receipts 470 KG
 Total Issues 340- KG
 Stock on 12/31/9999 130 KG

SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	201		4900000025	1	03/15/2021	20-	KG
MUM	201		4900000026	1	03/15/2021	130-	KG
MUM	201		4900000027	1	03/15/2021	40-	KG
MUM	501		4900000028	1	03/15/2021	100	KG
MUM	501		4900000029	1	03/15/2021	50	KG
MUM	201		4900000030	1	03/15/2021	50-	KG
MUM	101		5000000331	1	03/15/2021	100	KG
MUM	101		5000000333	1	03/15/2021	50	KG
MUM	101		5000000334	1	03/15/2021	70	KG
MUM	201		4900000031	1	03/16/2021	50-	KG
MUM	201		4900000032	1	03/16/2021	50-	KG
MUM	101		5000000339	1	03/16/2021	100	KG

4.5 Invoice Receipt-MIRO

While creating a Purchase Order the price is 10000 Rupees for 100 quantity of stock, but at the time of invoice, the price has been increased to 12000 Rupees for 100 quantity of stock. In the below step, we are doing an Invoice for 12000 rupees.

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold Simulate Messages Help

Transaction: Invoice

Basic Data Payment Details Tax Contacts Note

Invoice date	03/16/2021	Reference	CONSUMPTPN PO3
Posting Date	03/16/2021		
Amount	12,000.00	INR	<input type="checkbox"/> Calculate tax
Tax Amount		V0 (0% INPUT TAX)	
Bus.place/sectn	/		
Text	PO3		
Paymt terms	Due immediately		
Baseline Date	03/16/2021		

Vendor 0000040010
ABC vendor HYD 400567 HYD INDIA Bank acct 1234343 HDFC BANK LTD OI

PO Reference G/L Account Material Contract Reference

Purchase Order/Scheduling Agreement 4500000318 Goods/service items + planned deli... Layout Purchase order - delivery no...

It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code
	14500000318	10			RAWMATERIALS-1	100 KG	100.00	KG	12,000.00	V0 (0% IN...	

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold Simulate Messages Help

Transaction: Invoice

Basic Data Payment Details Tax Contacts Note

Invoice date	03/16/2021	Reference	CONSUMPTPN PO3
Posting Date	03/16/2021		
Amount	12,000.00	INR	<input type="checkbox"/> Calculate tax
Tax Amount		V0 (0% INPUT TAX)	
Bus.place/sectn	/		
Text	PO3		
Paymt terms	Due immediately		
Baseline Date	03/16/2021		

Vendor 0000040010 ABC vendor HYD 400567 HYD INDIA

Simulate Document in INR (Document currency)

Position	A/G/I	Act/Mat/Act/Vndr	Smart Nu...	Amount	Cu...	Purchasing	Item	T...	Jurisd...	Code
1K 100501	ABC vendor / 400567 HYD			12,000.00	- INR			**		
2S 100525	GR/IR CLEARING RAWMATERIAL A/C			10,000.00	INR	4500000318	10	V0		
3M 200121	RAWMATERIALS-1			2,000.00	INR	4500000318	10			

Here System transferred the difference amount to the Stock/Inventory account. Because the stock is fully available in this case. If you want to verify the stock available or not, you can use the T-Code- MB5B.

5. Service-Related Purchase Order and Price differences scenario

We popularly call it a service order or work order. It is mainly used for services. Companies may create service codes if required. However, the service codes are not mandatory. In the case of services, we do not use the valuation class for determining SR/IR Clearing GL account. We will keep the valuation class blank in the OBYC settings.

5.1 Creation of Purchase Order-ME21N

Select/Enter the Vendor number against to PO, and click on Enter

Enter Header fields Information like Purch. Org, Purch. Group and Company Code then click Enter

Enter line-item fields information like Account assignment -K, Item category- D (it is for service), short text, quantity, unit of measure, delivery date, net-price, currency, material group, plant, and storage location. Enter the required information in the below screen and click on enter.

The screenshot shows the SAP ME21N 'Create Purchase Order' interface. The header section includes fields for Vendor (40009), Doc. date (03/16/2021), and various tabs like Delivery/Invoice, Conditions, Texts, Address, Communication, Partners, Additional Data, Org. Data, Status, and Payment Processing. The line item table has columns for S., Item, A, I, Material, Short Text, PO Quantity, O..., C, Deliv. Date, Net Price, Curr..., Per, O..., Matl Group, Plnt, Stor. Location, and B. A specific row is selected with a red box, showing 'Painting services' in the Short Text field, 10 ea in PO Quantity, 03/16/2021 in Deliv. Date, 1000 INR in Net Price, PIL1 in Matl Group, PIL in Plnt, and MUM in Stor. Location. The 'A' column is highlighted with a red box, indicating it is set to 'D' (Service).

In the below screen, you need to enter the G/L account (Painting services account) and Cost Center then click on Enter.

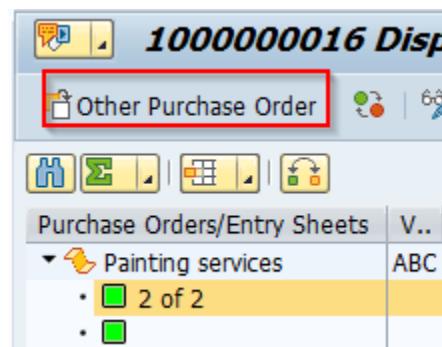
The screenshot shows the 'Account Assignment of Service in Line 10' dialog box. It contains fields for G/L Account (400120), Company Code (PIL), CO Area, and Cost Center (pil200). There are also checkboxes for 'Rpt. AA on' and 'Auto repeat AA'. The background shows the main SAP screen with a table of service lines, where line 10 is selected with a red box and has 'Painting services' in the Short Text column.

The system has been generated the PO Order number in the below screen.

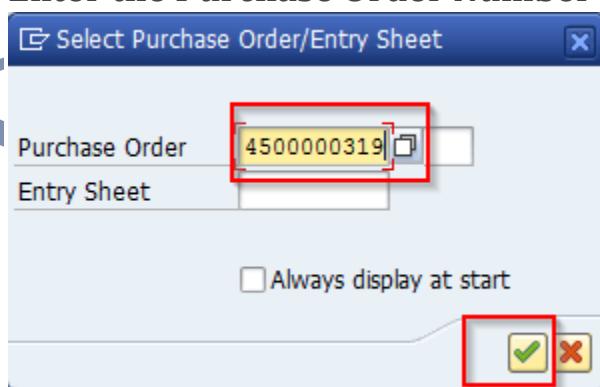
The screenshot shows the SAP 'Create Purchase Order' interface. At the top, it says 'Standard PO' under 'Document Overview', with 'Vendor' set to '40000 BERGER COMPANY' and 'Doc. date' set to '03/16/2021'. The main area displays a table of items. One item, 'Painting services' (Line 10), is highlighted with a red border. The table includes columns for Item, Material, Short Text, PO Quantity, Delivery Date, Net Price, Curr, Qty, Matl Group, Plant, and Store Location. Below the table, there's a message box with a checkmark and the text 'Standard PO created under the number 4500000319'.

5.2 Post Service Entry and Goods Receipt-ML81N

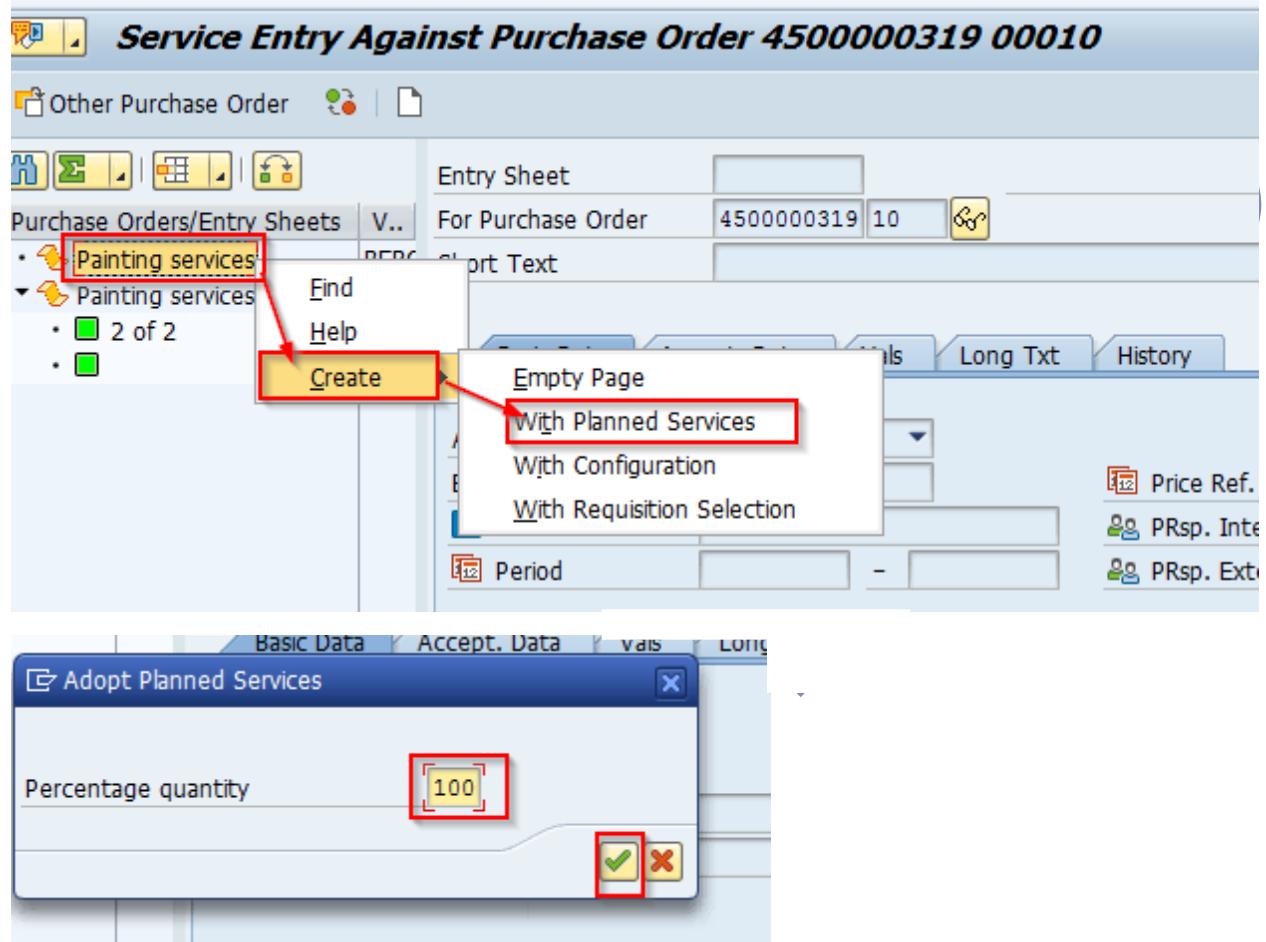
Click on Other Purchase Order in the below screen.



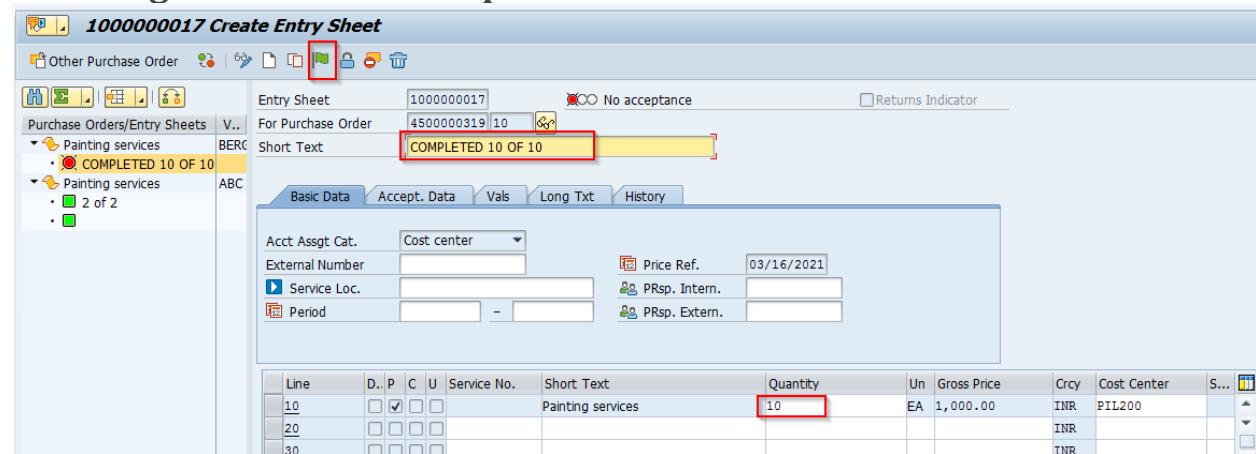
Enter the Purchase Order Number and Click on enter.



In the below screen, Right-click on 'Painting Services', select 'Create', then click on 'With planned services' and Press enter



Note: When you are posting a service entry, whenever you release (green flag) and save the document, then only the system will generate the goods receipt document along with the service entry. Otherwise, you will not get the Goods Receipt document.



Enter and Save

Service entry sheet saved, acceptance document 5000000342 posted

5.3 Display Purchase Order History-ME23N

In the below screen, click on Purchase Order History, then you will able to see the Goods Receipt document and Service Entry.

The screenshot shows the SAP ME23N Purchase Order History screen. At the top, it displays a message: "Service entry sheet saved, acceptance document 5000000342 posted". Below this, the title bar says "Standard PO 4500000319 Created by". The main area shows purchase order details: Purch. Org. (PIL), Purch. Group (PC1), and Company Code (PIDILITE INDUSTRIES). A table lists items, with one row for "Painting services" (quantity 10). At the bottom, the "Purchase Order History" tab is selected, showing a table with three rows:

Sh. Text	MVT	Material Document Item	Posting Date	Quantity	Delivery...	OU	Amount in LC	L.cur	Qty in OPUn	De Order	Price Unit	Amount Crcy	Reference
WE	10	5000000342	03/16/2021				10,000.00	INR				10,000.00	INR
Tr./Ev. Goods receipt							+ 10,000.00	INR				+ 10,000.00	INR
Leif	1000000017		03/16/2021				10,000.00	INR				10,000.00	INR
Tr./Ev. Service entry							+ 10,000.00	INR				+ 10,000.00	INR

If you double click on Service Entry in the above screen, you can able to see a total of 10 quantity of painting Services has been taken in the below screen.

The screenshot shows the SAP 1000000017 Display Entry Sheet screen. It displays basic data like Acct Assgt Cat (Cost center), External Number, Service Loc., Period, Price Ref (03/16/2021), PRsp. Intern., and PRsp. Extern. Below this is a table with columns: Line, D., P, C, U, Service No., Short Text, Quantity, Un, Gross Price, Crcy, Cost Center, S..., and a small icon. The table contains one row for "Painting services" (Line 10, Quantity 10, Gross Price 1,000.00 INR).

5.4 Invoice Receipt-MIRO

- If the Price is the same at the time of PO and Invoice, then the accounting entry will be like this on the below screen

Enter Incoming Invoice: Company Code PIL

Basic Data

- Invoice date: 03/16/2021
- Posting Date: 03/16/2021
- Amount: 10,000.00 INR
- Tax Amount: 0.00 INR (0% INPUT TAX)
- Text: SERVICE RELATED PO
- Paymt terms: Due immediately
- Baseline Date: 03/16/2021

Purchase Order/Scheduling Agreement: 4500000319

Simulate Document in INR (Document currency)

Position	A/G/L	Act/Mat/Asst/Vndr	Smart Number	Amount	Cu... Purchasing... Item
1K 100501	BERGER COMPANY / 400678 MUMBAI			10,000.00 INR	
2S 100525	GR/IR CLEARING RAVMATERIAL A/C			10,000.00 INR	4500000319 10

If the price is changed from 10000 Rupees to 12000 Rupees, then the values will be adjusted to the expenses GL account always. In the below screenshot, you can find the accounting entry.

Account Description	Currency	DR	CR
Vendor	INR		12000
GR/IR or SR/IR clearing	INR	10000	
Expenses account	INR	2000	

Enter Incoming Invoice: Company Code PIL

Basic Data

- Invoice date: 03/16/2021
- Posting Date: 03/16/2021
- Amount: 12,000.00 INR
- Tax Amount: 0.00 INR (0% INPUT TAX)
- Text: SERVICE RELATED PO
- Paymt terms: Due immediately
- Baseline Date: 03/16/2021

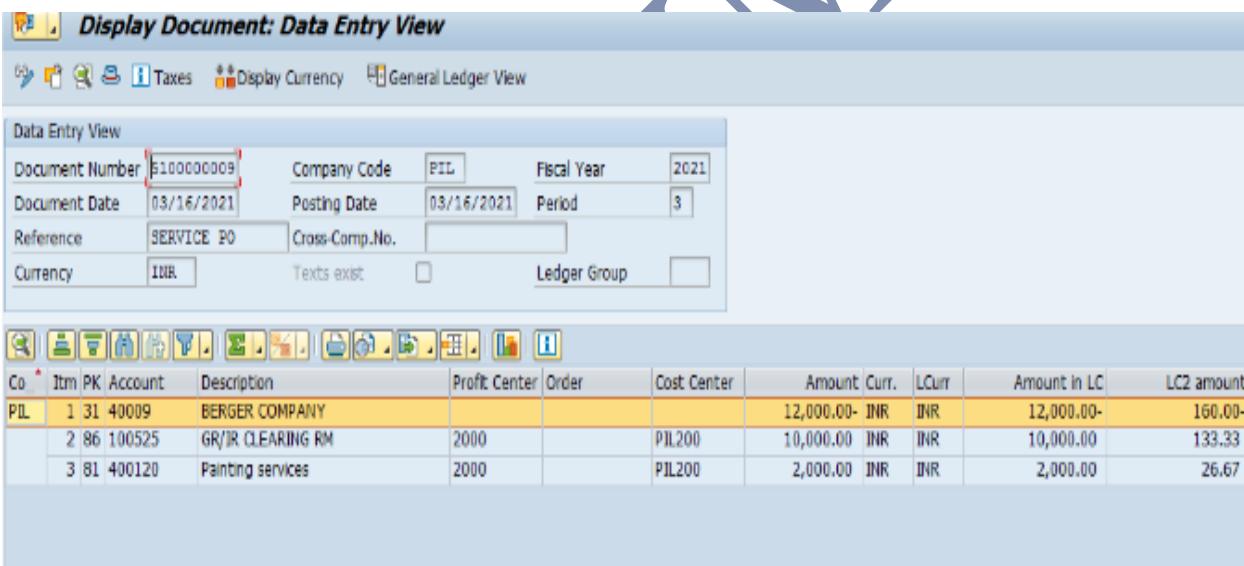
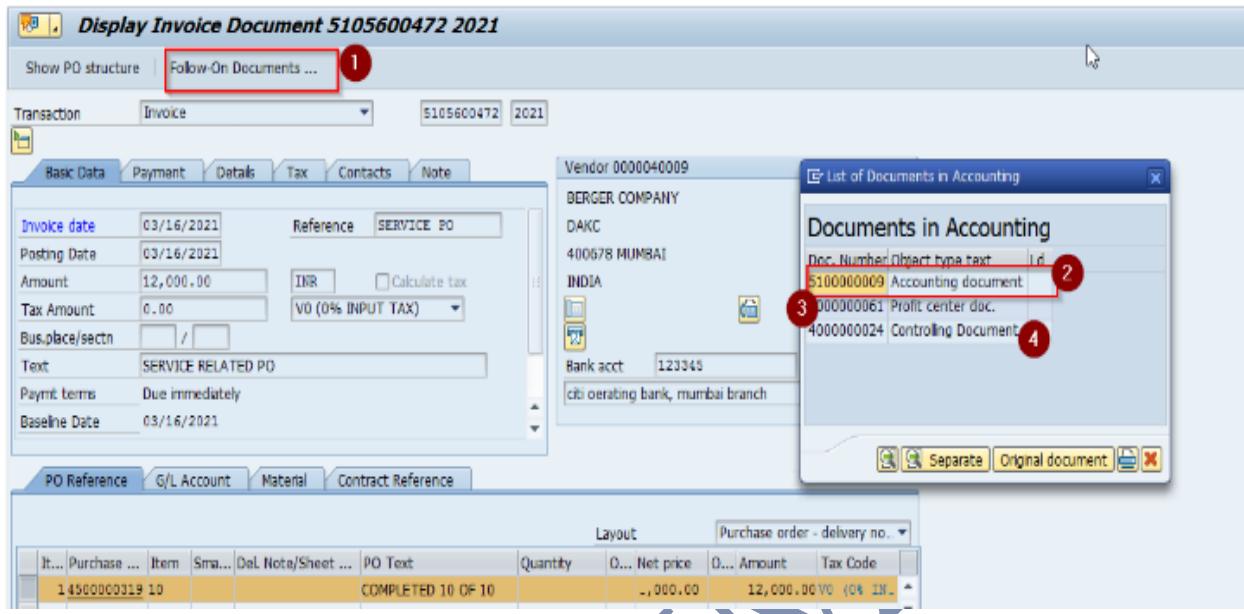
Purchase Order/Scheduling Agreement: 4500000319

Simulate Document in INR (Document currency)

Position	A/G/L	Act/Mat/Asst/Vndr	Smart Number	Amount	Cu... Purchasing... Item
1K 100501	BERGER COMPANY / 400678 MUMBAI			12,000.00 INR	
2S 100525	GR/IR CLEARING RAVMATERIAL A/C			10,000.00 INR	4500000319 10
3S 400120	Painting services			2,000.00 INR	4500000319 10

Click on post

Document no. 5105600472 created (Blocked for payment)

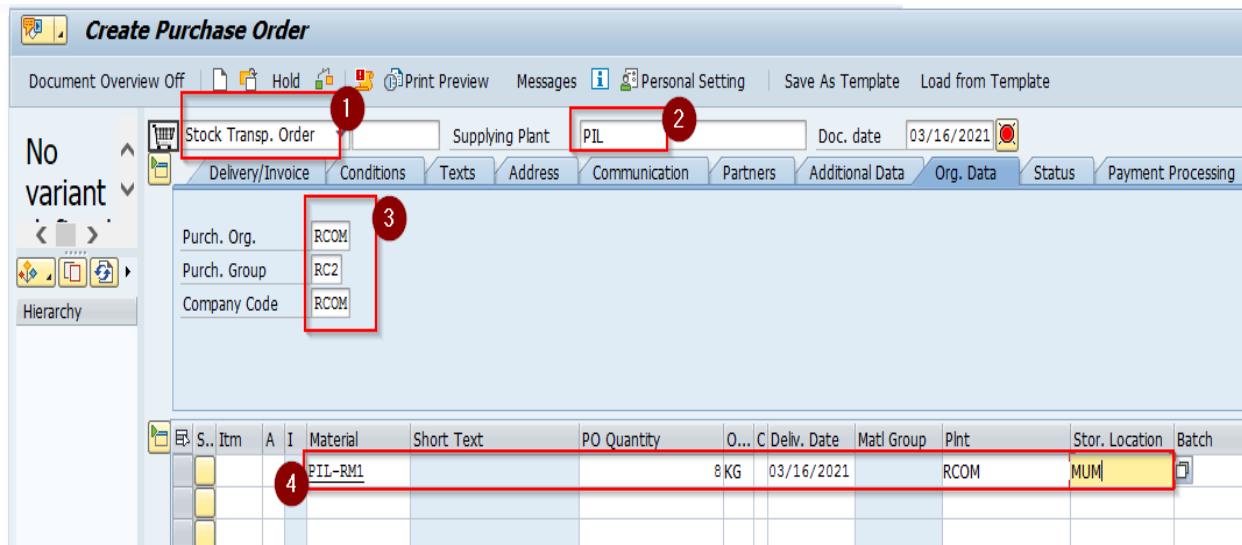


5.5 Vendor Payment-F-53/F110

The treasury department will make the payment. They use F-53 / F110 (Manual/Automatic) for outgoing payment.

6. Stock Transport Through Purchase Order (One Plant to other Plant)- ME21N

In the below screen, In the Header part, Select the Purchase Order type, 1) Stock Transp. Order, 2) Supplying Plant (Sending or from Plant), 3) Receiving Plant's Purch. Org, Purch. Group, and Company code details. In the line-item level, 4) Receiving Plant's Material, Quantity, delivery Date, Plant, and Storage location information.

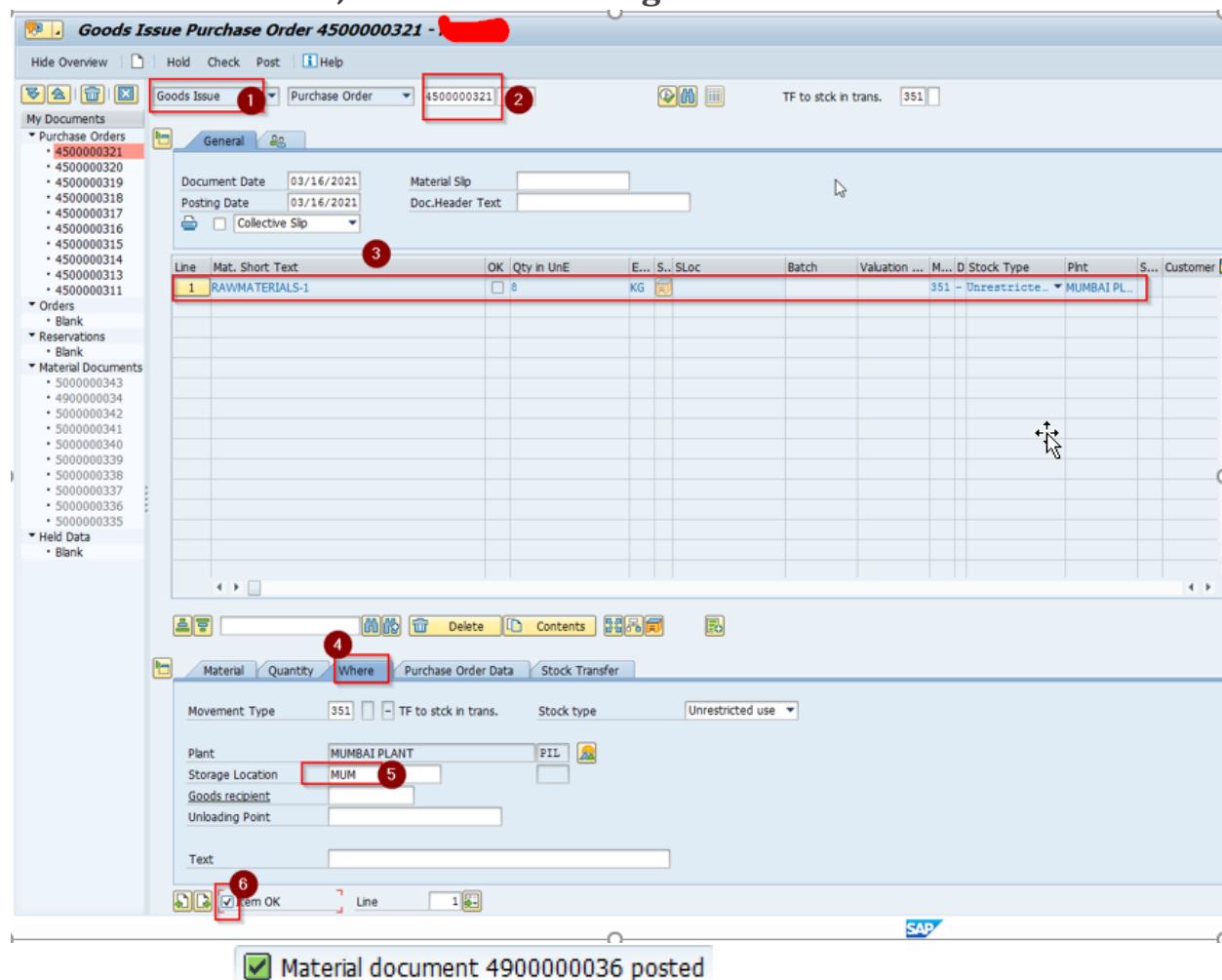


Click on enter, and the System generated the below Stock Transported Purchase Order Number.

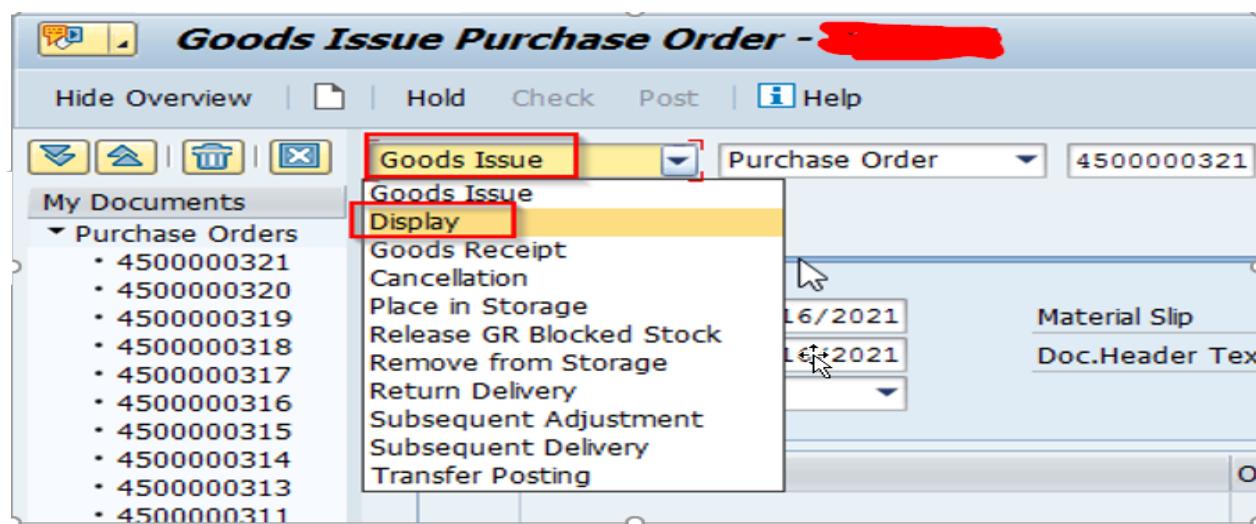
Stock Transp. Order created under the number 4500000321

6.1 Goods Issue-MIGO

In the below screen, Issue the Goods against the Purchase Order



Display Document in the same screen



In the below screen, the system has been generated the Documents in both the Plants. Double click on Accounting Documents in each Company code.

The screenshot shows the SAP Material Document screen for document number 4900000036. The 'Doc. Info' tab is selected (1). The 'F1 Documents' button is highlighted (2). A callout box shows the 'List of Documents in Accounting' dialog box (3), which lists two accounting documents: one for PIL (Document Number 4900000011) and one for RCOM (Document Number 4900000009).

Accounting document under PIL Plant/PIL Company code (Sending Plant)

The screenshot shows the SAP Display Document: Data Entry View for document number 4900000011. The table below shows the accounting entries for the PIL plant:

Co...	Itm PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1 99	200121	inventory raw.LOCAL		1000		895.12-	INR	INR	895.12-	11.93-	USD
	2 01	1000000104	RELIANCE LTD				895.12	INR	INR	895.12	11.93	USD

Accounting document under RCOM Plant/RCOM Company code (Receiving Plant)

The screenshot shows the SAP Display Document: Data Entry View for document number 4900000009. The table below shows the accounting entries for the RCOM plant:

Co...	Itm PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
RCM	1 89	200121	inventory raw.LOCAL		1000		895.12	INR	INR	895.12	11.93	USD
	2 31	40015	PIL VENDOR				895.12-	INR	INR	895.12-	11.93-	USD

6.2 Material Report-MB5B(Co.Code PIL / PIL Plant- Sending Plant)

In the below screen, Enter the Required information and Execute

Stock on Posting Date

Database Selections					
Material Number	PIL-RM1				
Company Code	PIL	to			
Plant	PIL	to			
Storage Location		to			
Batch		to			
Valuation Type		to			
Movement Type		to			
Special Stock Indicator		to			
Selection Date		to			

Stock Type

Storage Loc./Batch Stock

Valuated Stock

Special Stock

In the below screen, you can able to see '8' quantity of stock has Consumed in the PIL Plant (Sending Plant).

Note: We cannot see the Material Report in the Receiving Plant (RCOM) until we do the Goods Receipt.

Material Stocks Between 01/01/0000 and 12/31/9999



Plant PIL MUMBAI PLANT

Material PIL-RM1

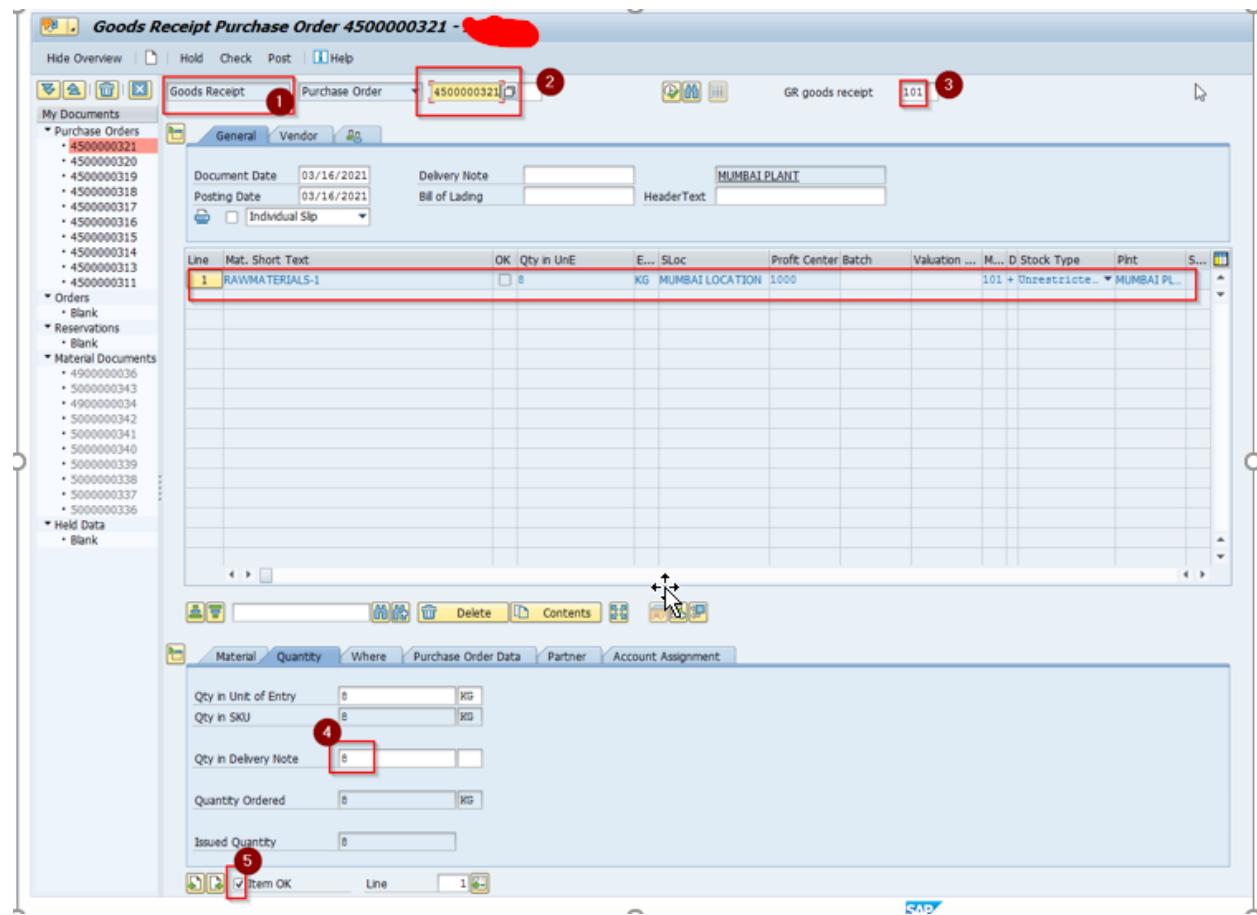
Description RAWMATERIALS-1

Stock on 01/01/0000	0 KG
Total Receipts	570 KG
Total Issues	366- KG
Stock on 12/31/9999	204 KG

SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	201		4900000025	1	03/15/2021	20-	KG
MUM	201		4900000026	1	03/15/2021	130-	KG
MUM	201		4900000027	1	03/15/2021	40-	KG
MUM	501		4900000028	1	03/15/2021	100	KG
MUM	501		4900000029	1	03/15/2021	50	KG
MUM	201		4900000030	1	03/15/2021	50-	KG
MUM	101		5000000331	1	03/15/2021	100	KG
MUM	101		5000000333	1	03/15/2021	50	KG
MUM	101		5000000334	1	03/15/2021	70	KG
MUM	201		4900000031	1	03/16/2021	50-	KG
MUM	201		4900000032	1	03/16/2021	50-	KG
MUM	301		4900000033	1	03/16/2021	5-	KG
MUM	351		4900000034	1	03/16/2021	6-	KG
MUM	301		4900000035	1	03/16/2021	7-	KG
MUM	351		4900000036	1	03/16/2021	8-	KG
MUM	101		5000000339	1	03/16/2021	100	KG
MUM	101		5000000341	1	03/16/2021	100	KG

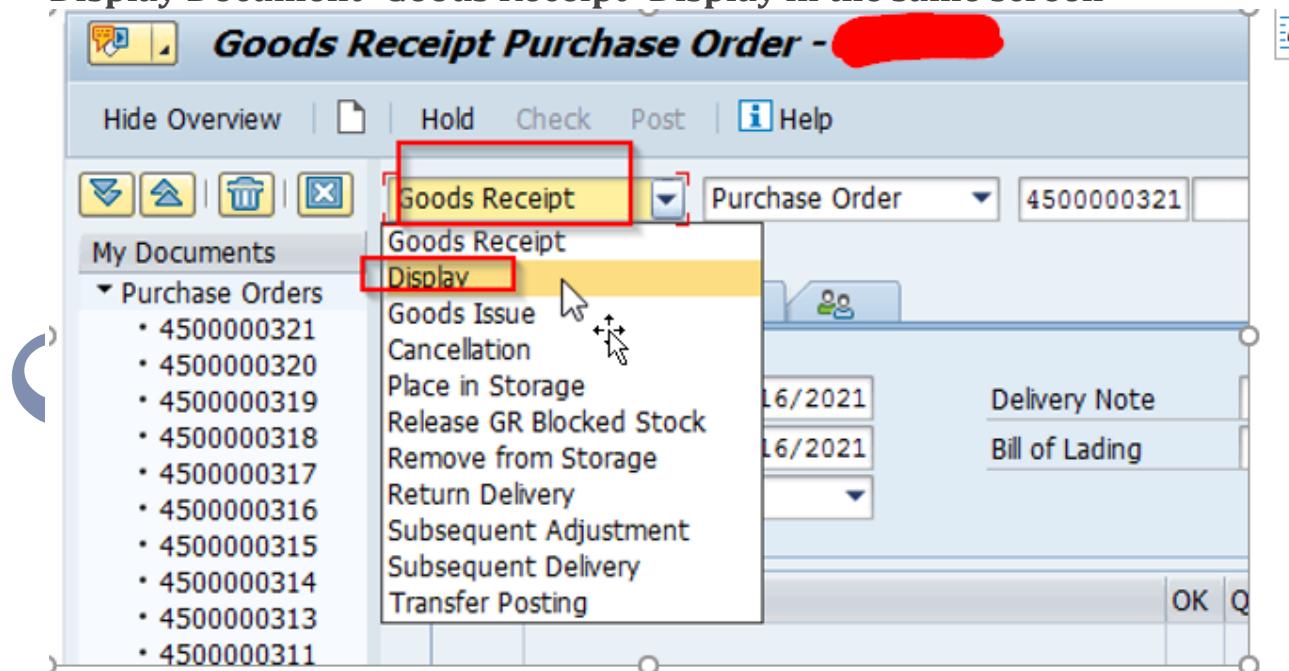
6.3 Goods Receipt-MIGO

To get the Material Report for the Receiving Plant, we should do Goods Receipt. In the MIGO screen, we need to select Goods Receipt against the PO.

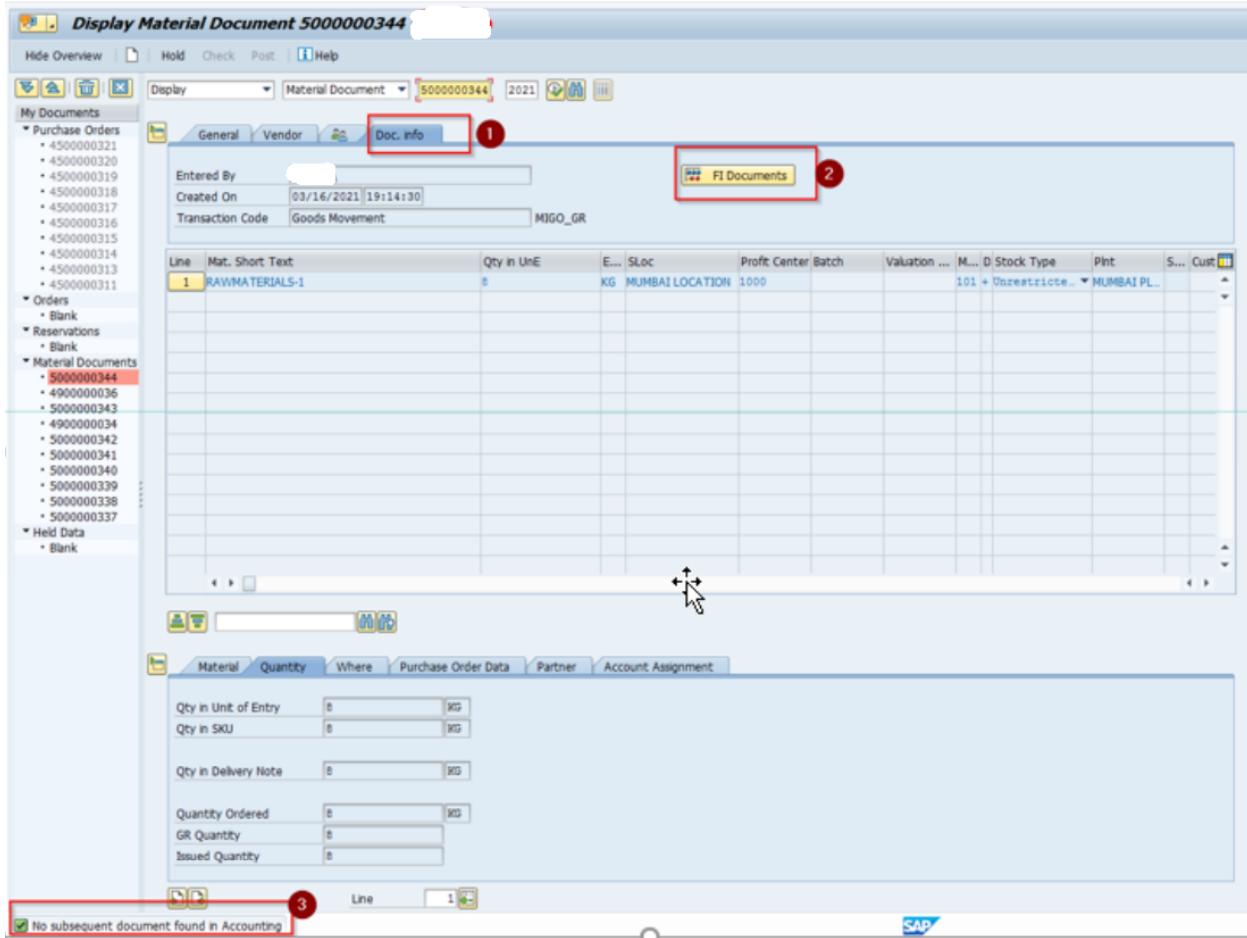


Material document 5000000344 posted

Display Document- Goods Receipt- Display in the same screen



Double click on Accounting Documents. The System does not create any FI- Document for Goods Receipt because there is no financial impact. But we can see the material report for Receiving plant.



6.4 Material Report for Receiving Plant/Co.Code-MB5B

Stock on Posting Date

Database Selections

Material Number	PIL-RM1	to	
Company Code	RCOM	to	
Plant	RCOM	to	
Storage Location		to	
Batch		to	
Valuation Type		to	
Movement Type		to	
Special Stock Indicator			

Selection Date to

Stock Type

- Storage Loc./Batch Stock
- Valuated Stock
- Special Stock

In the below screen, system updated '8' quantity of stock has been added in the plant (Receiving Plant).

Material Stocks Between 01/01/0000 and 12/31/9999

Plant RCOM MUMBAI PLANT
 Material PIL-RM1
 Description RAWMATERIALS-1

Stock on 01/01/0000 0 KG
 Total Receipts 26 KG
 Total Issues 0 KG
 Stock on 12/31/9999 26 KG

SLoc	Mvt	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	301		4900000033	2	03/16/2021	5	KG
MUM	301		4900000035	2	03/16/2021	7	KG
MUM	101		5000000343	1	03/16/2021	6	KG
MUM	101		5000000344	1	03/16/2021	8	KG

7. Down – Payment against to Purchase Order

It is common in many organizations to pay some advance to the vendor before the delivery of goods and services. I am showing the same in the below steps.

7.1 Creation of Purchase Order-ME21N

The screenshot shows the SAP ME21N - Create Purchase Order interface. The vendor is set to '40010 ABC vendor'. The purchase organization is 'PIL PURCHASING ORG.PIL', purchase group is 'PC2 RAWMATERIAL PGP', and company code is 'PIL PIDILITE INDUSTRIES'. The item list table has one row: Item 'PIL-RM1' with description 'RAWMATERIALS-1', quantity '120 KG', delivery date '03/16/2021', net price '100.00 INR', unit 'KG', material group 'PAINTINGS', plant 'MUMBAI PLANT', and storage location 'MUMBAI LOCA...'. At the bottom, the 'Item' tab is selected, showing checkboxes for 'Inv. Receipt' (checked), 'Final Invoice' (unchecked), 'GR-Bsd IV' (checked), and 'DP Category' (dropdown menu open). Buttons at the bottom include 'Default Values', 'Addl Planning', and a save icon.

Click on save

Standard PO created under the number 4500000323

7.2 Down-payment to Vendor-F-48

Post Vendor Down Payment: Header Data					
 New item	Requests				
Document Date	03/16/2021	Type	KZ	Company Code	PIL
Posting Date	03/16/2021	Period	3	Currency/Rate	INR
Document Number		Translatn Date			
Reference	DOWN PAYMENT-2	Cross-CC no.			
Doc.Header Text		Tax Report Date			
Trading Part.BA					
Vendor					
Account	40010	Special G/L ind <input checked="" type="checkbox"/>			
Altern.comp.cde					
Bank					
Account	200131	Business Area			
Amount	10000	LC amount			
Bank charges		LC bank charges			
Value Date		Profit Center			
Text	DOWN PAYMENT-2	Assignment			

Make sure to enter the Purchase order number and item details below.
Click on Save to post the down payment.

Post Vendor Down Payment Add Vendor item

More data New item

Vendor	40010	ABC vendor	G/L Acc	200150
Company Code	PIL	HYD		
PIDILITE INDUSTRIES		HYD		
Item 2 / Down payment made / 29 A				
Amount	10000	INR	<input type="checkbox"/> Calculate tax	Bus./sectn
Bus. Area				
Due on	03/16/2021			
Pmnt Block			Pmt Method	
Discount %			Disc. Amount	
Order				
Asset			Cost Center	
Purch.Doc.	4500000323	00010	Real estate	<input type="checkbox"/>
Contract		/	Profit Ctr	
			Flow Type	
			WBS Element	
Assignment			Sales Doc.	
Text	DOWN PAYMENT-2			<input type="checkbox"/> Long Texts

Display Down Payment Document after posted

Display Document: Data entry View

Display Currency General Ledger View

Data Entry View

Document Number	1500000014	Company Code	PIL	Fiscal Year	2021
Document Date	03/16/2021	Posting Date	03/16/2021	Period	3
Reference	DOWN PAYMENT-2	Cross-Comp.No.			
Currency	INR	Texts exist	<input type="checkbox"/>	Ledger Group	

Co... Itm PK Account Description Profit Center Order Cost Center Amount Curr. LCurr Amount in LC LC2 amount LCurr2

PIL	1	50	200131	CITI OUTGOING BA...	1000		10,000.00	INR	INR	10,000.00	133.33	USD
	2	29	40010	ABC vendor	1000		10,000.00	INR	INR	10,000.00	133.33	USD

7.3 Goods Receipt-MIGO

Goods Receipt Purchase Order 4500000323 - [redacted]

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000323
 - 4500000322
 - 4500000321
 - 4500000320
 - 4500000319
 - 4500000318
 - 4500000317
 - 4500000316
 - 4500000315
 - 4500000314
- Orders
- Reservations
- Bank
- Material Documents
 - 5000000347
 - 5000000346
 - 5000000345
 - 5000000344
 - 4900000036
 - 5000000343
 - 4900000034
 - 5000000342
 - 5000000341
 - 5000000340
- Held Data
- Blank

General Vendor

Document Date: 03/16/2021 Delivery Note: [redacted] Vendor: ABC vendor

Posting Date: 03/16/2021 Bill of Lading: HeaderText: [redacted]

Line Mat. Short Text OK Qty in UnE E... SLoc Profit Center Batch Valuation ... M... D Stock Type PInt S...
1 RAWMATERIALS-1 120 KG MUMBAI LOCATION 1000 101 + Unrestrict... MUMBAI PL...

Material Quantity Where Purchase Order Data Partner Account Assignment

Qty in Unit of Entry: 120 KG
Qty in SKU: 120 KG
Qty in Delivery Note: 120 [redacted]
Quantity Ordered: 120 KG

Item OK Line 1

Material document 5000000348 posted

Display Goods Receipt Document

Goods Receipt Purchase Order - [redacted]

Hide Overview | Hide Overview | Hold | Check | Post | Help

My Documents

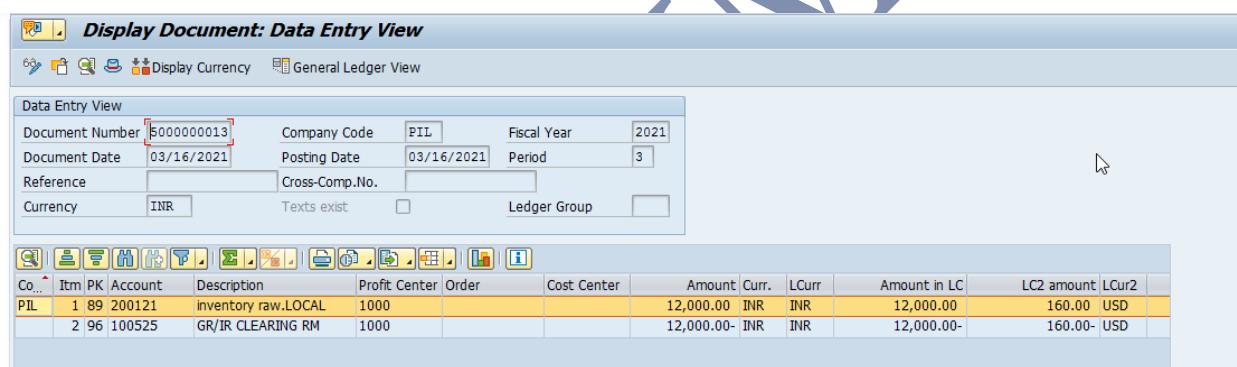
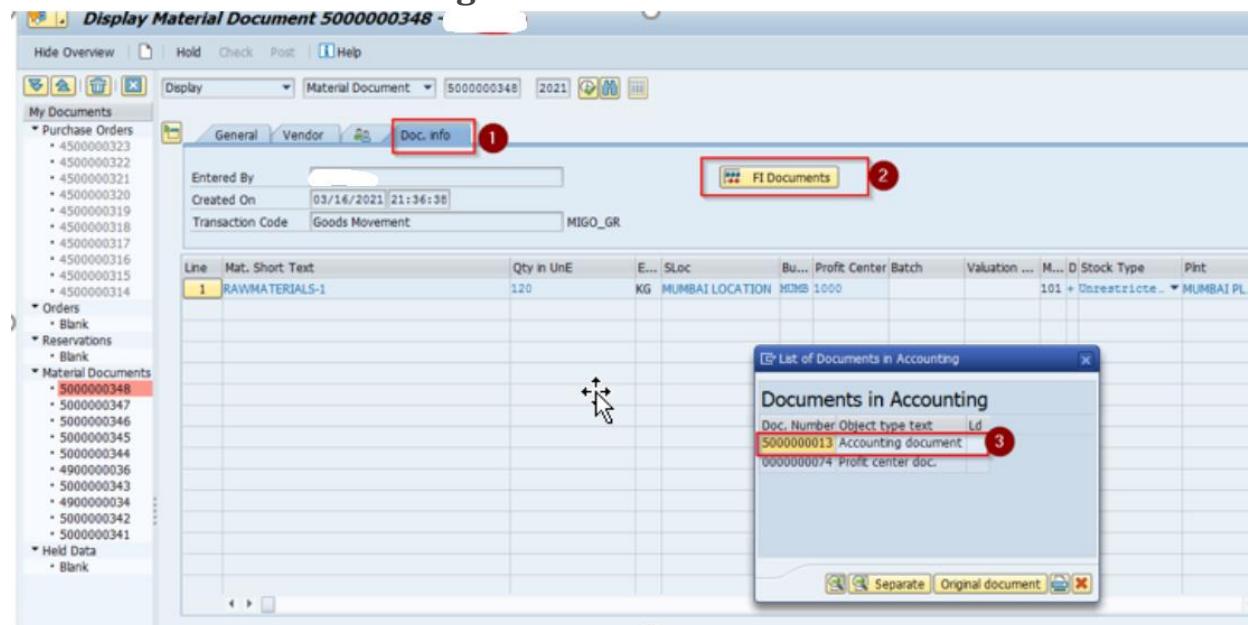
- Purchase Orders
 - 4500000323

Goods Receipt

Display

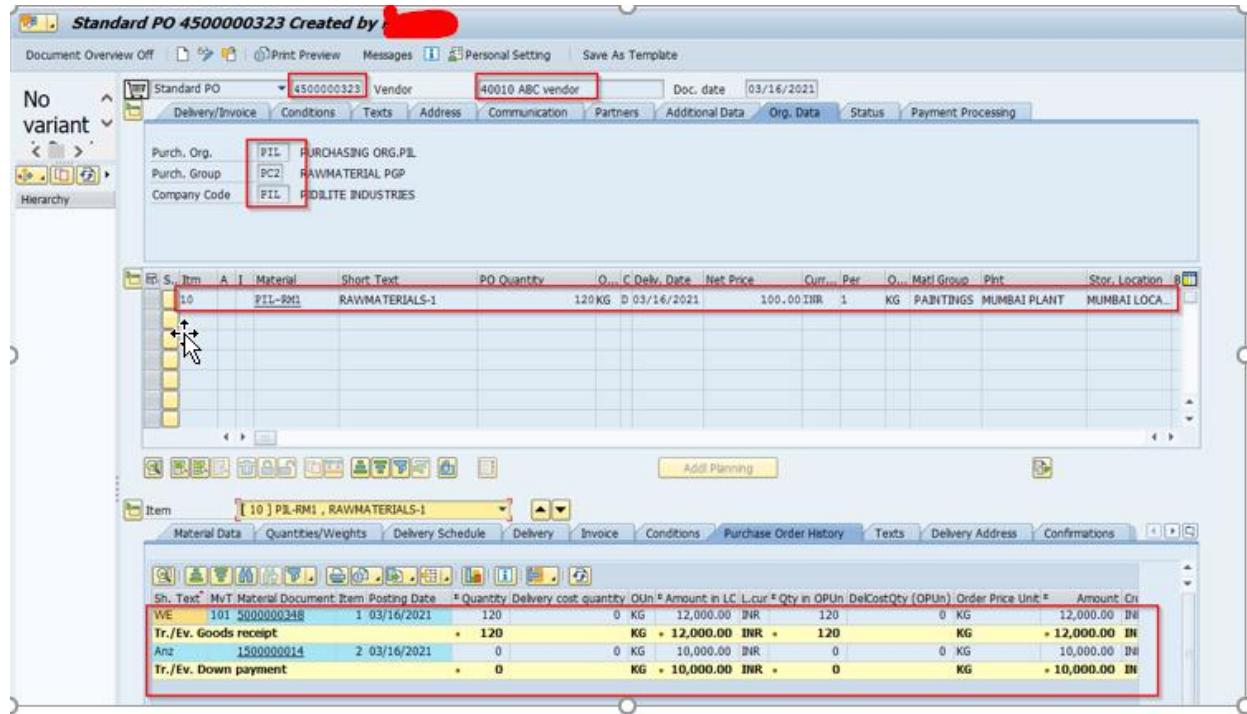
Cancellation

Double click on Accounting Document



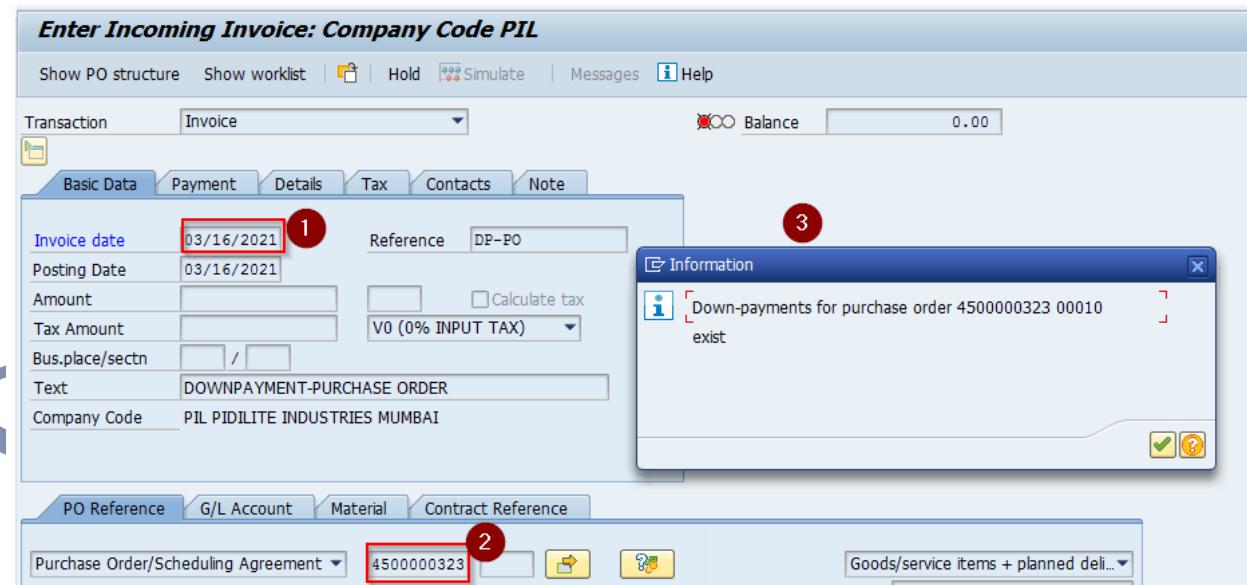
7.4 Display Purchase Order History- ME23N

Go to the purchase order display screen and click on purchase order history to see the Down Payment Document as well as the goods receipt document. You can double-click on each document to see the accounting entries.



7.5 Invoice Receipt-MIRO

Enter the Invoice date, PO Document Number, and enter
 The system shows a pop-up window- Down Payments for this PO Order,
 Click on enter.



In the below screen, enter 1) Amount-12000, 2) System shows pop-up window – Message about Down Payments for PO Order. Click on enter

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist | Hold | Simulate | Messages | Down Payment Clearing | Help

Transaction: Invoice | Balance: 12,000.00- INR

Basic Data

Invoice date	03/16/2021	Reference	DP-PO
Posting Date	03/16/2021		
Amount	12000	INR	<input type="checkbox"/> Calculate tax
Tax Amount		V0 (0% INPUT TAX)	
Bus.place/sectn	/		
Text	DOWNPAYMENT-PURCHASE ORDER		
Paymt terms	Due immediately		
Baseline Date	03/16/2021		

Vendor 0000040010

ABC vendor
HYD
400567 HYD
INDIA
Bank acct: 1234343
HDFC BANK LTD

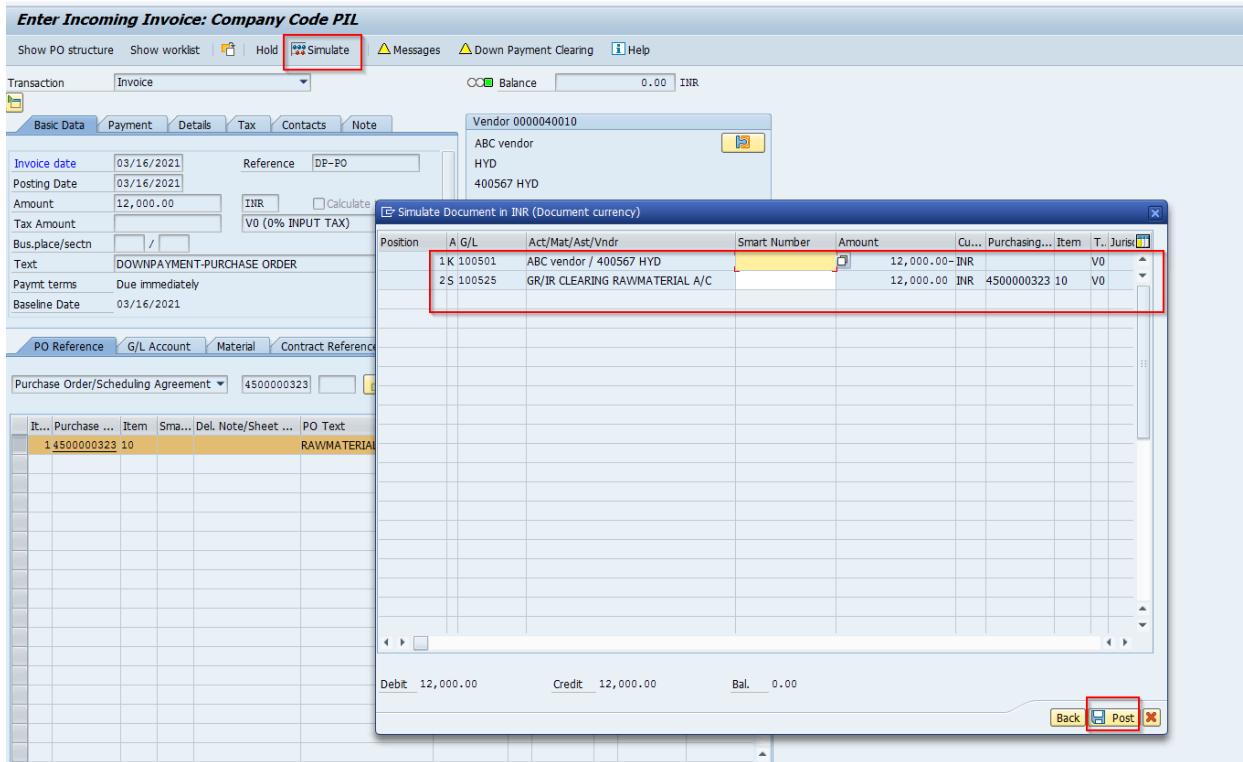
G/L Account

Purchase Order/Scheduling Agreement	4500000323	Layout	Goods/service items + planned deli...				
Item	Smal...	Del. Note/Sheet ...	PO Text	Quantity	O... Net price	O... Amount	Tax Code
1 4500000323 10			RAWMATERIALS-1	120 KG	100.00	KG	12,000.00 V0 (0% IN...

Information

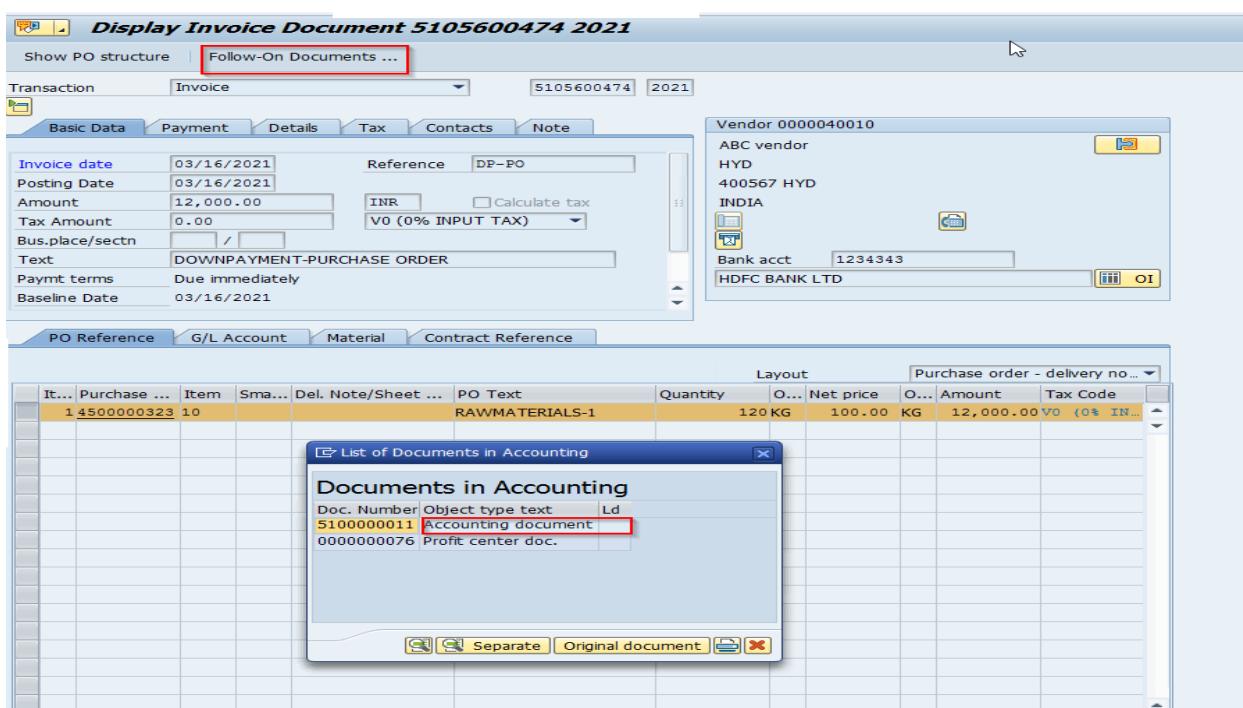
10,000.00 INR Down Payments on Fixed Assets exist

Click on Simulate, you can able to see the Accounting entries. If everything is okay, then save. The system will generate the Invoice document with blocking status.



Document no. 5105600474 created (Blocked for payment)

Display Invoice Document- Display Follow-on Documents. Double click on Accounting Document and see the Invoice Document.



Display Document: Data Entry View

Document Number: 5100000011 Company Code: PIL Fiscal Year: 2021
 Document Date: 03/16/2021 Posting Date: 03/16/2021 Period: 3
 Reference: DP-PO Cross-Comp.No.:
 Currency: INR Texts exist: Ledger Group:

Co...	Item PK Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LC
PIL	1 31 40010	ABC vendor				12,000.00-	INR	INR	12,000.00-	160.00-	US
	2 86 100525	GR/IR CLEARING RM		1000		12,000.00	INR	INR	12,000.00	160.00	US

7.6 Material Report-MB5B

Enter the required information in the below screen and Execute.

Stock on Posting Date

Database Selections			
Material Number	PIL-RM1	<input type="button" value=""/>	<input type="button" value=""/>
Company Code	PIL	<input type="button" value=""/>	<input type="button" value=""/>
Plant	PIL	<input type="button" value=""/>	<input type="button" value=""/>
Storage Location		<input type="button" value=""/>	<input type="button" value=""/>
Batch		<input type="button" value=""/>	<input type="button" value=""/>
Valuation Type		<input type="button" value=""/>	<input type="button" value=""/>
Movement Type		<input type="button" value=""/>	<input type="button" value=""/>
Special Stock Indicator		<input type="button" value=""/>	<input type="button" value=""/>
Selection Date		to	

Stock Type

Storage Loc./Batch Stock
 Valuated Stock
 Special Stock

You can see the Stock or Material added to the Respected Plant.

Material Stocks Between 01/01/0000 and 12/31/9999



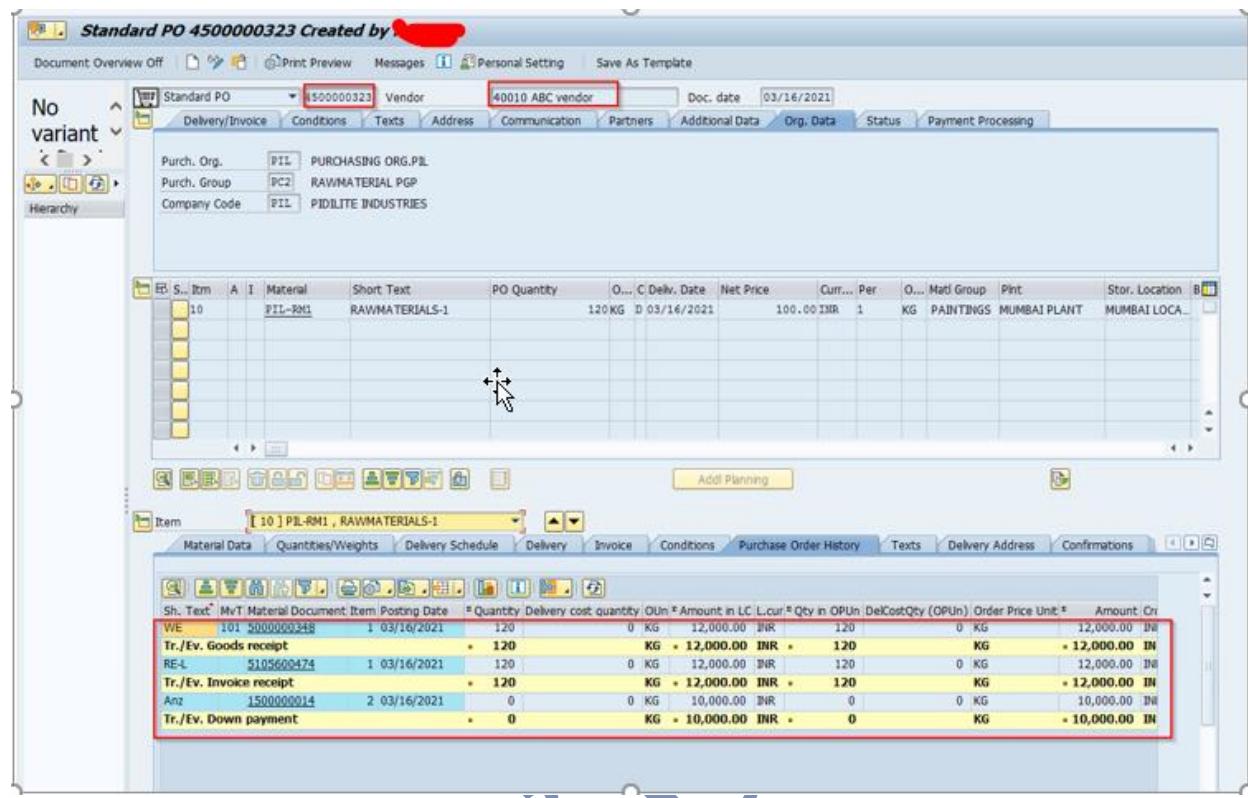
Plant PIL MUMBAI PLANT
 Material PIL-RM1
 Description RAWMATERIALS-1

Stock on 01/01/0000	0 KG
Total Receipts	770 KG
Total Issues	396- KG
Stock on 12/31/9999	374 KG

SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	201		4900000025	1	03/15/2021	20-	KG
MUM	201		4900000026	1	03/15/2021	130-	KG
MUM	201		4900000027	1	03/15/2021	40-	KG
MUM	501		4900000028	1	03/15/2021	100	KG
MUM	501		4900000029	1	03/15/2021	50	KG
MUM	201		4900000030	1	03/15/2021	50-	KG
MUM	101		5000000331	1	03/15/2021	100	KG
MUM	101		5000000333	1	03/15/2021	50	KG
MUM	101		5000000334	1	03/15/2021	70	KG
MUM	201		4900000031	1	03/16/2021	50-	KG
MUM	201		4900000032	1	03/16/2021	50-	KG
MUM	301		4900000033	1	03/16/2021	5-	KG
MUM	351		4900000034	1	03/16/2021	6-	KG
MUM	301		4900000035	1	03/16/2021	7-	KG
MUM	351		4900000036	1	03/16/2021	8-	KG
MUM	101		5000000339	1	03/16/2021	100	KG
MUM	101		5000000341	1	03/16/2021	100	KG
MUM	101		5000000345	1	03/16/2021	30	KG
MUM	102		5000000346	1	03/16/2021	30-	KG
MUM	101		5000000347	1	03/16/2021	50	KG
MUM	101		5000000348	1	03/16/2021	120	KG

7.7 Verify purchase Order History-ME23N

In the below screen, you can able to see down payment, GRN, and IV Documents.



7.8 Vendor Payment-F-53/F110

I am doing Manual Payment-T-Code-F-53. Click on Process Open Items, System will generate the accounting entry

Post Outgoing Payments: Header Data													
<input type="button" value="Process open items"/>													
Document Date	03/16/2021	Type	KZ	Company Code	PIL								
Posting Date	03/16/2021	Period	3	Currency/Rate	INR								
Document Number				Translatn Date									
Reference	PAYMENT			Cross-CC no.									
Doc.Header Text				Trading Part.BA									
Clearing text	payment												
Bank data													
Account	200131			Business Area									
Amount	2000			Amount in LC									
Bank charges				LC bank charges									
Value Date				Profit Center									
Text DOWN PAYMENT-2-PAYMENT Assignment													
Open item selection													
Account	40010			Additional selections									
Account Type	K	<input type="checkbox"/> Other accounts		<input checked="" type="radio"/> None <input type="radio"/> Amount <input type="radio"/> Document Number <input type="radio"/> Posting Date <input type="radio"/> Dunning Area <input type="radio"/> Others									
Special G/L Ind	A	<input checked="" type="checkbox"/> Standard OIs											
Prmnt advice no.													
<input type="checkbox"/> Distribute by age													
<input type="checkbox"/> Automatic search													

Post Outgoing Payments Display Overview

Display Currency
 Taxes
 Reset

Document Date	03/16/2021	Type	KZ	Company Code	PIL
Posting Date	03/16/2021	Period	3	Currency	INR
Document Number	INTERNAL	Fiscal Year	2021	Translatn Date	03/16/2021
Reference	PAYMENT	Cross-CC no.			
Doc.Header Text		Trading Part.BA			

Items in document currency

PK	BusA Acct	INR	Amount	Tax amnt
001 50	0000200131 CITI OUTGOING BANK		2,000.00-	
002 25	0000040010 ABC vendor		12,000.00	
003 39A MUMB	0000040010 ABC vendor		10,000.00-	

Document 1500000015 was posted in company code PIL

8. Scheduling agreement Process PO

A scheduling agreement (SA) is a long-term agreement with the Vendor by predefined conditions. It has certain validity and specific quantity. We can create the SA with or without a Material Number.

SA can be created with reference to PR (Purchase Requisition), Outline agreement, RFQ, or another Scheduling agreement.

Scenario: We have created a Scheduling Agreement with the Vendor for a total of 25 Quantities, and we have split these 25 quantities into 10 and 15 respectively, as per our requirement. So, we need to ask our vendor to dispatch 10 quantities on 03/17/2021 and balance 15 quantities on 03/20/2021.

Advantages of SA: It reduces the processing time and paperwork as it replaces the traditional creation of standard PO. It enables negotiations with the vendor for more favorable conditions. Available Item Categories for Scheduling Agreement:

Standard
Consignment
Third-party
Text

Document types for scheduling agreement:

LP- Without Release Documentation- It is used to transfer the message to the vendor once SA created.

LPA- With Documentation

8.1 Creating a Scheduling agreement - ML31L

In the below screen, enter Vendor number, Agreement type (LP- Scheduling Agreement without release), and Agreement Date. Enter the Purch. Organization and Purchasing Group. Click on enter.

Create Scheduling Agreement : Initial Screen

<input type="button" value=""/>	<input type="button" value=""/>	<input type="button" value=""/>	<input type="checkbox"/> Reference to PReq	<input type="checkbox"/> Reference to RFQ	<input type="checkbox"/> Reference to Contract
Vendor	40010				
Agreement Type	LP				
Agreement Date	03/17/2021				
Agreement					
Organizational Data					
Purch. Organization	PIL				
Purchasing Group	PC2				
Default Data for Items					
Item Category	<input type="checkbox"/>				
Acct Assignment Cat.	<input type="checkbox"/>				
Plant	<input type="checkbox"/>				
Storage Location	<input type="checkbox"/>				
Material Group	<input type="checkbox"/>				
Req. Tracking Number	<input type="checkbox"/>				
Vendor Subrange	<input type="checkbox"/>				
<input type="checkbox"/> Acknowledgment Reqd					

In the below screen, Enter the validity start and end dates

Create Scheduling Agreement : Header Data

Agreement	Company Code	PIL	Purchasing Group	PC2	
	Agreement Type	LP	Purch. Organization	PIL	
Vendor	40010	ABC vendor			
Administrative Fields					
Agreement Date	03/17/2021	Item Number Interval	10	Subitem Interv.	1
Validity Start	03/17/2021	Validity End	03/30/2021	Language	EN
<input type="checkbox"/> GR Message					

In the below screen, enter Material, quantity, net price, material group, plant, and storage location. Save it. The system has created the Scheduling Agreement number.

Create Scheduling Agreement : Item Overview

Agreement	Agreement Type	LP	Agmt Date	03/17/2021										
Vendor	40010	ABC vendor	Currency	INR										
Outline Agreement Items														
Item	I	A	Material	Short T...	Targ. Qty	O...	Net Price	Per	O...	Mat. Grp	Plnt	SLoc	D	T...
10			PIL-RM1	RAWMAT...	25 KG	100.00	1			PIL1	PIL	MUM		
20														

Scheduling Agreement created under the number 5500000003

8.2 Maintain Delivery Schedules-ME38

Enter the SA Number

Maintain Sch. Agmt Schedule : Initial Screen

Agreement	5500000003
-----------	------------

In the below screen, Double click on the line item

Item	Material	Short Text	Targ. Qty	O...	Open Target Qty	O...	Mat. Grp	Plnt	SLoc	D	I
10	PIL-RM1	RAWMATERIALS-1	25 KG	25		KG	PIL1	PIL	MUM		

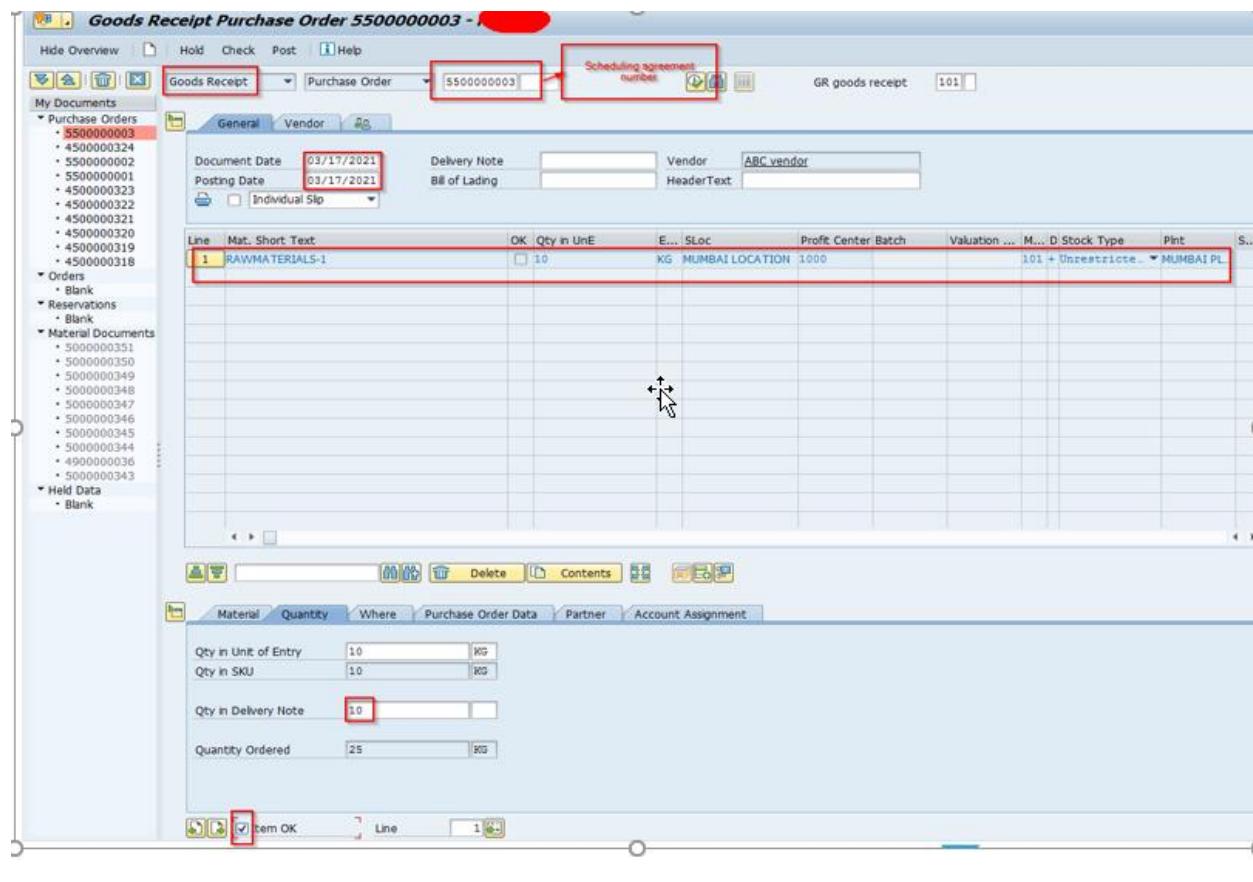
In the below screen, specify the Delivery dates and quantities respectively. Click on enter and save. The system will Save the Delivery dates under the scheduling Agreement number.

C	Delivery Date	Scheduled Quantity	Time	F	C	St.DelDate	Purchase ...	Item	Cum. Sch. Qty	Pre
	03/17/2021	10								
	03/20/2021	15								

Scheduling Agreement 5500000003 changed

8.3 Goods Receipt-MIGO

In the below screen, Enter the Scheduling Agreement number against the Goods Receipt, enter the quantity received, and select Item ok. then save



Display Document, In the below screen, Select the Display field from the Executable Action in MIGO

Data Entry View										
Display Document: Data Entry View										
Display Currency		General Ledger View								
Document Number	500000017	Company Code	PIL	Fiscal Year	2021					
Document Date	03/17/2021	Posting Date	03/17/2021	Period	3					
Reference		Cross-Comp.No.								
Currency	INR	Texts exist		Ledger Group						
Co...	Itm PK Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount
PIL	1 89 200121	inventory raw.LOCAL	1000			1,000.00	INR	INR	1,000.00	13.33 USD
	2 96 100525	GR/IR CLEARING RM	1000			1,000.00-	INR	INR	1,000.00-	13.33- USD

8.4 Invoice Receipt-MIRO

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold Simulate Messages Help

Transaction: Invoice Balance: 0.00 INR

Basic Data		Payment		Details		Tax		Contacts		Note	
Invoice date	03/17/2021	Reference	SA-RELATED								
Posting Date	03/17/2021										
Amount	1,000.00	INR		<input type="checkbox"/> Calculate tax							
Tax Amount		V0 (0% INPUT TAX)									
Bus.place/sectn	/										
Text	Invoice-SA-related										
Paymt terms	Due immediately										
Baseline Date	03/17/2021										

Vendor 0000040010
ABC vendor HYD 400567 HYD INDIA Bank acct 1234343 HDFC BANK LTD OI

PO Reference G/L Account Material Contract Reference

Purchase Order/Scheduling Agreement: 5500000003

It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code
1550000003	10	RAWMATERIALS-1				10 KG	100.00	KG	1,000.00	V0 (0% IN...	

Document no. 5105600476 created (Blocked for payment)

Display Invoice Documents -Accounting Document

Display Document: Data Entry View

Taxes Display Currency General Ledger View

Document Number	510000013	Company Code	PIL	Fiscal Year	2021
Document Date	03/17/2021	Posting Date	03/17/2021	Period	3
Reference	SA-RELATED	Cross-Comp.No.		Ledger Group	
Currency	INR	Texts exist	<input type="checkbox"/>		

Co...	Itm	PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1	31	40010	ABC vendor				1,000.00-	INR	INR	1,000.00-	13.33-	USD
	2	86	100525	GR/IR CLEARING RM	1000			1,000.00	INR	INR	1,000.00	13.33	USD

8.5 Verify Material Report-MB5B

Stock on Posting Date

Database Selections

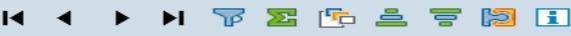
Material Number	PIL-RM1	to	
Company Code	PIL	to	
Plant	pil	to	
Storage Location	mum	to	
Batch		to	
Valuation Type		to	
Movement Type		to	
Special Stock Indicator			

Selection Date to

Stock Type

Storage Loc./Batch Stock

Material Stocks Between 01/01/0000 and 12/31/9999



Plant PIL MUMBAI PLANT
 Material PIL-RM1
 Description RAWMATERIALS-1

Stock on 01/01/0000 0 KG
 Total Receipts 915 KG
 Total Issues 396- KG
 Stock on 12/31/9999 519 KG

SLoc	MvT	S	Mat. Doc.	Item	Pstng Date	Quantity	BUn
MUM	201		4900000025	1	03/15/2021	20-	KG
MUM	201		4900000026	1	03/15/2021	130-	KG
MUM	201		4900000027	1	03/15/2021	40-	KG
MUM	501		4900000028	1	03/15/2021	100	KG
MUM	501		4900000029	1	03/15/2021	50	KG
MUM	201		4900000030	1	03/15/2021	50-	KG
MUM	101		5000000331	1	03/15/2021	100	KG
MUM	101		5000000333	1	03/15/2021	50	KG
MUM	101		5000000334	1	03/15/2021	70	KG
MUM	201		4900000031	1	03/16/2021	50-	KG
MUM	201		4900000032	1	03/16/2021	50-	KG
MUM	301		4900000033	1	03/16/2021	5-	KG
MUM	351		4900000034	1	03/16/2021	6-	KG
MUM	301		4900000035	1	03/16/2021	7-	KG
MUM	351		4900000036	1	03/16/2021	8-	KG
MUM	101		5000000339	1	03/16/2021	100	KG
MUM	101		5000000341	1	03/16/2021	100	KG
MUM	101		5000000345	1	03/16/2021	30	KG
MUM	102		5000000346	1	03/16/2021	30-	KG
MUM	101		5000000347	1	03/16/2021	50	KG
MUM	101		5000000348	1	03/16/2021	120	KG
MUM	101		5000000349	1	03/17/2021	70	KG
MUM	101		5000000350	1	03/17/2021	65	KG
MUM	101		5000000352	1	03/17/2021	10	KG

9. Capex PO using Internal Order

The business is building an asset in the company and wanted to capture all expenses belongs to the in-house asset. So we have to create AUC Asset (AS01), Create Internal Order (K001), and link AUC Asset in the Internal order. Below are the Pre-requisites for Capex PO Process

9.1 Creation of AUC Asset-AS01

Enter the correct Asset Class, Co. code and number of assets. Click on enter

Create Asset: Initial screen

Master data	Depreciation areas
Capital work in progress- AUC Asset	
Asset Class	PIL60
Company Code	PIL
Number of similar assets	1

Create Asset: Master data

Asset values			
Asset: INTERN-00001	Class: PIL60	Category: CAPITAL WORK IN PROG	Company Code: PIL
General Time-dependent Allocations Origin Net Worth Tax Insurance Deprec. Areas			
General data			
Description:	Painting Machinery Setup		
Acct determination:	PIL600	CAPITAL WORK IN PROGRESS	
Inventory number:	ABC		
Quantity:			
Inventory			
Last inventory on:	<input type="checkbox"/> Include asset in inventory list		
Inventory note:			
Posting information			
Capitalized on:	03/17/2021	Deactivation on:	
First acquisition on:		Plnd. retirement on:	
Acquisition year:	000	Ordered on:	

Create Asset: Master data

Asset values

Asset	INTERN-00001	0	Painting Machinery Setup
Class	PIL60	CAPITAL WORK IN PROG	Company Code

General Time-dependent Allocations Origin Net Worth Tax Insurance Deprec. Areas

Interval from 01/01/1900 to 12/31/9999

Business Area: (highlighted)

Cost Center: (highlighted)

Activity Type:

Plant:

Location:

The asset 60003 0 is created

Creation of Internal Order-T-Code-KO01 Select Order type and enter

Create Internal Order: Initial screen

Master Data

Order Type: (highlighted)

Create Internal Order: Master data

Settlement Rule: (highlighted) Click on this

Order: (highlighted)

Description: (highlighted)

Order type: Painting Machin...

Assignments Control data Prd-end closing General data Investments

Assignments

Company Code: (highlighted)

Business Area: (highlighted)

Plant:

Functional Area:

Object Class: (highlighted)

Profit Center:

Maintain Settlement Rule: Overview

Cat	Settlement Receiver	Receiver Short Text	%	Equivalence no.	Amount	A..	Se...	No.	S
FXA	60003-0								FUL

Order was created with number PIL-PMEXP

9.3 Purchase Order Creation using Internal Order-ME21N

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting | Save As Template | Load from Template

Purch. Org. **PIL** PURCHASING ORG.PIL
Purch. Group **PC1** PAINTINGS PUR.GROU
Company Code **PIL**

40010 Vendor | Doc. date **03/18/2021**

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Location	B
10	F				MACHINARIES FOR PAINT...	250KG	03/18/2021			100 INR		1	M0010	PIL	MUM		

Create Purchase Order

Document Overview Off | Hold | Print Preview | Messages | Personal Setting | Save As Template | Load from Template

Purch. Org. **PIL** PURCHASING ORG.PIL
Purch. Group **PC1** PAINTINGS PUR.GROU
Company Code **PIL** PIDILITE INDUSTRIES

40010 ABC vendor Vendor | Doc. date **03/18/2021**

S..	Item	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Net Price	Curr...	Per	O...	Matl Group	Plnt	Stor. Location	B
10	F				MACHINARIES FOR PAINT...	250 KG	03/18/2021			100.00 INR	1	KG	Heavy Equip.	MUMBAI PLANT	MUMBAI LOCA...		

Item [10] MACHINARIES FOR PAINTING

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Invoice | Conditions | Account Assignment | Texts | Delivery Address | Confirmations

Unloading Point	AccAssCat	Order	Distribution	Single account assignme...	CoCode
G/L Account	400123				PIDILITE IN...
Asset					
CO Area	PIL				
Cost Center					
Order	PIL-PMEXP				
Profit Center	3000				
WBS Element		Network			
Functional Area				Commitment Item	

Standard PO created under the number 4500000327

9.4 Goods Receipt-MIGO

Goods Receipt Purchase Order 4500000327 - [REDACTED]

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000327
 - 4500000326
 - 4500000325
 - 5500000003
 - 4500000324
 - 5500000002
 - 5500000001
 - 4500000323
 - 4500000322
 - 4500000321
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000353
 - 5000000354
 - 5000000352
 - 5000000351
 - 5000000350
 - 5000000349
 - 5000000348
 - 5000000347
 - 5000000346
 - 5000000345
- Held Data
 - Blank

Goods Receipt | Purchase Order | **4500000327** | GR goods receipt | 101 |

Line	Mat. Short Text	Qty	Unit of Entry	E...	SLoc	Order	Bu...	Profit Center	G/L Account	Batch	Valuation ...	M...	D Stock
1	MACHINARIES FOR PAINTING	250	KG			PIL-PMEXP	MUMB	3000	400123		101 + Unres		

Document Date: 03/18/2021 | Delivery Note: | Vendor: ABC vendor |
 Posting Date: 03/18/2021 | Bill of Lading: | HeaderText: |

Line 1: MACHINARIES FOR PAINTING | Qty: 250 | Unit: KG | Order: PIL-PMEXP | Bu.: MUMB | Profit Center: 3000 | G/L Account: 400123 | Batch: | Valuation: 101 + Unres | M: | D Stock: |

Buttons: Save, Delete, Contents, Print, etc.

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

Qty in Unit of Entry: 250 | KG
 Qty in Delivery Note: 250
 Quantity Ordered: 250 | KG

Qty in Unit of Entry: 250 | KG
 Qty in Delivery Note: 250
 Quantity Ordered: 250 | KG

Buttons: Save, Delete, Line, etc.

Material document 5000000355 posted

Display Material Document 5000000355

Hide Overview | Hold | Check | Post | Help

My Documents

- Purchase Orders
 - 4500000327
 - 4500000326
 - 4500000325
 - 5500000003
 - 4500000324
 - 5500000002
 - 5500000001
 - 4500000323
 - 4500000322
 - 4500000321
- Orders
 - Blank
- Reservations
 - Blank
- Material Documents
 - 5000000355
 - 5000000353
 - 5000000354
 - 5000000352
 - 5000000351
 - 5000000350
 - 5000000349
 - 5000000348
 - 5000000347
 - 5000000346
 - 5000000345
- Held Data
 - Blank

Display | **Doc. info** | FI Documents

Entered By: | Created On: 03/18/2021 13:56:42 | Transaction Code: Goods Movement | MIGO_GR

Line	Mat. Short Text	Qty in UnE	E...	SLoc	Order	Bu...	Profit Center	G/L Account	Batch	Valuation ...	M...	D Stock
1	MACHINARIES FOR PAINTING	250	KG		PIL-PMEXP	MUMB	3000	400123		101 + Unres		

Buttons: Save, Delete, Line, etc.

Documents in Accounting

Doc. Number: 5000000355 | Object type: Accounting document | Id: 5000000020

5000000020 Accounting document
 0000000090 Profit center doc.
 4000000029 Controlling Document

Buttons: Separate, Original document, etc.

The figure shows two SAP application screens. The top screen is titled 'Display Document: Data Entry View' and displays document details like number, date, and company code. The bottom screen is titled 'Display Actual Cost Documents' and shows a list of cost documents with columns for document number, date, header text, and cost elements.

Co...	Itm	PK	Account	Description	Profit Center	Order	Cost Center	Amount	Curr.	LCurr	Amount in LC	LC2 amount	LCur2
PIL	1	81	400123	Painting-Machin-EXP	3000	PIL-PMEXP		25,000.00	INR	INR	25,000.00	333.33	USD
	2	96	100525	GR/IR CLEARING RM	3000			25,000.00-	INR	INR	25,000.00-	333.33-	USD

Internal Order Report-KOB1

9.5 Invoice Receipt-MIRO

Enter Incoming Invoice: Company Code PIL

Show PO structure Show worklist Hold Simulate Messages Help

Transaction: Invoice Balance: 0.00 INR

Basic Data		Payment		Details		Tax		Contacts		Note	
Invoice date	03/18/2021	Reference	INTERNAL ORDER1								
Posting Date	03/18/2021										
Amount	25,000.00	INR									
Tax Amount											
Bus.place/sectn	/										
Text: Internal Order related1											
Paymt terms: Due immediately											
Baseline Date: 03/18/2021											

PO Reference		G/L Account		Material		Contract Reference		Layout		Purchase order - delivery no...																									
Purchase Order/Scheduling Agreement		4500000327						Goods/service items + planned deli...																											
<table border="1"> <thead> <tr> <th>It...</th> <th>Purchase ...</th> <th>Item</th> <th>Sma...</th> <th>Del. Note/Sheet ...</th> <th>PO Text</th> <th>Quantity</th> <th>O...</th> <th>Net price</th> <th>O...</th> <th>Amount</th> <th>Tax Code</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4500000327</td> <td>10</td> <td></td> <td></td> <td>MACHINARIES FOR PAIN...</td> <td>250 KG</td> <td>100.00</td> <td>KG</td> <td>25,000.00</td> <td>V0 (0% IN...</td> <td></td> </tr> </tbody> </table>												It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code	1	4500000327	10			MACHINARIES FOR PAIN...	250 KG	100.00	KG	25,000.00	V0 (0% IN...	
It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code																								
1	4500000327	10			MACHINARIES FOR PAIN...	250 KG	100.00	KG	25,000.00	V0 (0% IN...																									

Document no. 5105600478 created (Blocked for payment)

Display Invoice Document

Display Invoice Document 5105600478 2021

Show PO structure Follow-On Documents ...

Transaction: Invoice 5105600478 2021

Basic Data		Payment		Details		Tax		Contacts		Note	
Invoice date	03/18/2021	Reference	INTERNAL ORDER1								
Posting Date	03/18/2021										
Amount	25,000.00	INR									
Tax Amount	0.00										
Bus.place/sectn	/										
Text: Internal Order related1											
Paymt terms: Due immediately											
Baseline Date: 03/18/2021											

PO Reference		G/L Account		Material		Contract Reference		Layout		Purchase order - delivery no...																									
Purchase Order/Scheduling Agreement		4500000327						Goods/service items + planned deli...																											
<table border="1"> <thead> <tr> <th>It...</th> <th>Purchase ...</th> <th>Item</th> <th>Sma...</th> <th>Del. Note/Sheet ...</th> <th>PO Text</th> <th>Quantity</th> <th>O...</th> <th>Net price</th> <th>O...</th> <th>Amount</th> <th>Tax Code</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>4500000327</td> <td>10</td> <td></td> <td></td> <td>MACHINARIES FOR PAIN...</td> <td>250 KG</td> <td>100.00</td> <td>KG</td> <td>25,000.00</td> <td>V0 (0% IN...</td> <td></td> </tr> </tbody> </table>												It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code	1	4500000327	10			MACHINARIES FOR PAIN...	250 KG	100.00	KG	25,000.00	V0 (0% IN...	
It...	Purchase ...	Item	Sma...	Del. Note/Sheet ...	PO Text	Quantity	O...	Net price	O...	Amount	Tax Code																								
1	4500000327	10			MACHINARIES FOR PAIN...	250 KG	100.00	KG	25,000.00	V0 (0% IN...																									

Document no. 5105600478 created (Blocked for payment)

List of Documents in Accounting

Documents in Accounting

Doc. Number	Object type	text	Ld
5100000015	Accounting document		
0000000091	Profit center doc.		

Document no. 5105600478 created (Blocked for payment)

10. SUBCONTRACTING PROCESS

Subcontracting process is mainly used in most of industries. In subcontracting process, raw material is providing to subcontracting vendor. It's being processed by subcontracting vendor, convert it into semi-finished material and deliver back.

10.1: Create Bill of Material (BOM) - CS01

"A bill of Material (BOM) describes the different components that together create a product." It contains list of Raw material with quantity against which we can get a semi- finished material

Create material BOM: Initial Screen

Material: 1300016
Plant: 2005 FA MUMBAI PLANT
BOM Usage: 1
Alternative BOM:

Validity

Change Number:
Valid From: 27.06.2021
Revision Level:

I will enter semi-finished material here.

Display material BOM: General Item Overview

Material: 1300016 Subitems New Entries Header Validity
Plant: 2005 FA MUMBAI PLANT
Alternative BOM: 1

Item	ICt	Component	Component description	Quantity	Un	A...	SIs	Valid From	Valid to	Change No.	P...	SortString	Item ID
0010 L	464822	Rotar (Disk)	Rotar (Disk)	2	PC	<input type="checkbox"/>	<input type="checkbox"/>	27.06.2021	31.12.9999	<input type="checkbox"/>	<input type="checkbox"/>	00000001	
0020 L	464823	wheel Hub	wheel Hub	1	PC	<input type="checkbox"/>	<input type="checkbox"/>	27.06.2021	31.12.9999	<input type="checkbox"/>	<input type="checkbox"/>	00000002	
0030 L	464824	Brake Pad	Brake Pad	1	PC	<input type="checkbox"/>	<input type="checkbox"/>	27.06.2021	31.12.9999	<input type="checkbox"/>	<input type="checkbox"/>	00000003	

This semi-finished product I required after doing all operation by vendor.

These raw material I need to send to the vendor against which vendor will provide me semi-finished material.

This quantity will multiply in PO as per semi-finished ordered Qty.

10.2: Creating subcontracting PO with item category “L”

Standard PO 4500025202 Created by AKASHH

Document Overview On Messages Personal Setting Save As Template Load from Template

NB Standard PO Header

S. I	Item	Short Text	PO Quantity	OU	C Deliv. Date	Net Price	Curr...	Per	OPU
10	L 1300016	DISK Brake Assembled	50 PC	D	02.07.2021	5.000,00 EUR	1	PC	
						EUR			
						EUR			
						EUR			
						EUR			

Item Data Quantities/Weights Delivery Schedule Delivery Invoice Conditions Account Assignment Purchase Order History

Material group: 001 IUID-Relevant Revision Level:

Vendor mat. no.: EAN/UPC:

Vendor sub-range: Vendor Batch:

Batch: InfoUpdate:

Components

Processing Components: Component Overview

Total: 1300016 Disk Brake Assembled

Plant: 7005 Release Date: 26.06.2021

Quantity: 50,000 Delivery date: 02.07.2021

PO Order quantity

Material	Description	Requirement qty	U...	Q Plant	Pro...	Supply Area	Reqmt Date	M Item	L Batch	Req...	With...	B
464822	Rotar (Disk)	100	PC	2005			26.06.2021	9999 L		100	100	P
464823	wheel Hub	50	PC	2005			26.06.2021	9999 L		50	50	P
464824	Brake Pad	50	PC	2005			26.06.2021	9999 L		50	50	P

As per the BOM, Raw material Quantity is multiplied automatically with semi-finished quantity.

Standard PO created under the number 4500025202

SAP

T-CODE: MMBE

Let's first check the stock overview for our raw material it is necessary that stock should be available physically as well as in system, otherwise while transfer posting I could get error of deficit stock quantity.

Stock Overview: Basic List

Selection

Material	464822	Storage Location (Disk)
Material Type	ROH	Raw material standard
Unit of Measure	PC	Base Unit of Measure

Stock Overview

Raw material is available to transfer to the vendor

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection
• Full	150,000	
• 1000 BestRun Germany	150,000	
• 7005 FA MI IMRAT PLANT	150,000	
• Z051 RAW	150,000	

10.3: Transfer posting - MIGO

Enter Transfer Posting: Initial Screen

New Item To Reservation... To Purchase Order... WM Parameters...

Reference: Purchase Order

Movement Type	541
Plant	Z005
Storage Location	

Purchase Orders

PO	Item
4500025202	10

Find POs

Material	
Supplying Plant	

Stock Overview: Basic List

Selection
Material **464822** Rotar (Disk)
Material Type ROH Raw material standard
Unit of Measure PC 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

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock
Full	50,000				
1000 BestRun Germany	50,000				
Z005 FA MUMBAI PLANT	50,000				
Stock Provided to Vendor	100,000				
Z051 RAW	50,000				

Here we can see our raw material is transfer to stock provided to the vendor

No accounting documents are generated after transfer posting because I am responsible provide the stock to the

Display Material Document 750000073 - AKASHH

Show Overview Hold Check Post Help

A04 Display R02 Material Docum... 750000073 2021

General Doc. info

Entered By AKASHH
Created On 28.06.2021 00:53:22
Transaction Code Transfer Posting MB1B

Transfer Posting Material Quantity Where

From Dest
Material Rotar (Disk) 464822
Plant FA MUMBAI PLANT Z005
Stor. Loc. RAW Z051
Spec. Stock
Qty in UnE 100 PC

No Accounting documents are generated after transfer posting

No subsequent document found in Accounting

10.4: Goods Receipt of semi-finished material-MIGO

Goods Receipt Purchase Order 4500025202 - AKASHH

Hide Overview Hold Check Post Help

A01 Goods Receipt R01 Purchase Order Plant 2005 GR goods receipt 101

My Documents +4500025202 Orders 60003287 60003805 60003286 60003285 Reservations 74205 74168 74118 74046 74045 74043 74015 74014 73980 73979 Material Documents 750000072 750000058 750000057 750000050 4900001200 4900001199 10081 10023 780000436 780000426 Held Data Blank

Line	Mat. Short Text	OK	Qty in UnE	EUn	Sloc	Cost Center	Order
1	Disk Brack Assembled	<input type="checkbox"/>	50	PC	SEMI		
1	Rotar (Disk)	<input type="checkbox"/>	100	PC		9030	9900 9990
1	wheel Hub	<input type="checkbox"/>	50	PC		9030	9900 9990
1	Brake Pad.	<input type="checkbox"/>	50	PC			

Document Date: 27.06.2021 Delivery Note: Vendor: REGIME AUTOGEAR LTD
Posting Date: 27.06.2021 Bill of Lading: HeaderText:
GR/GI Slip No.: 1 Individual Slip

While posting goods receipt here system shows me how semi-finished material sends to vendor

Display Material Document 750000074 - AKASHH

Hide Overview Hold Check Post Help

A04 Display R02 Material Document 750000074 2021

My Documents Orders 60003287 60003805 60003286 60003285 Reservations 74205 74168 74118 74046 74045 74043 74015 74014 73980 73979 Material Documents 750000074 2021000069 2021000068 750000134 7965578 7965496 7965576 7965498 7965527 7965497 Held Data Blank

Line	Mat. Short Text	Qty in UnE	EUn	Sloc	Cost Center	Bus... Profit Center	G/L Account
1	Disk Brack Assembled	50	PC	SEMI			
1	Rotar (Disk)	100	PC		9030	9900 9990	400020
1	wheel Hub	50	PC		9030	9900 9990	400020

Document Date: 27.06.2021 Delivery Note: Vendor: REGIME AUTOGEAR LTD
Posting Date: 27.06.2021 Bill of Lading: HeaderText:
GR/GI Slip No.: 1 Individual Slip

Movement Type: 101 + GR goods receipt Stock type: Unrestricted use
Plant: FA MUMBAI PLANT Storage Location: SEMI

Display Material Document 750000074 - AKASHH

Hide Overview Hold Check Post Help

My Documents

- Orders
 - 60003287
 - 60003005
 - 60003286
 - 60003285
- Reservations
 - 74205
 - 74168
 - 74118
 - 74046
 - 74045
 - 74043
 - 74015
 - 74014
 - 73980
 - 73979
- Material Documents
 - 750000074
 - 2021000069
 - 2021000068
 - 750000134
 - 7965578
 - 7965496
 - 7965576
 - 7965498
 - 7965527
 - 7965497
- Held Data
 - Blank

A04 Display R02 Material Document 750000074 2021

General Vendor Doc. info

Document Date	27.06.2021	Delivery Note		Vendor	REGIME AUTOGEAR LTD
Posting Date	27.06.2021	Bill of Lading		HeaderText	
GR/GI Slip No.					

Line 1 Mat. Check Type: Brake Pad Qty in UnE: 50 EUn: PC Cost Center: 9030 Bus... Profit Center: 9900 9990

Movement Type: 543 0 GI into subc.stock Stock type: Unrestricted use

Vendor: REGIME AUTOGEAR LTD 101046

Plant: FA MUMBAI PLANT Z005

Material Quantity Where Purchase Order Data Partner Account Assignment

T-CODE: MMBE Stock Overview for Kaw material

Stock Overview: Basic List

Selection

Material	464822	Rotar (Disk)
Material Type	ROH	Raw material standard
Unit of Measure	PC	Base Unit of Measure

Stock Overview

Raw material stock

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt res
Full	50,000			
1000 BestRun Germany	50,000			
2005 FA MUMBAI PLANT	50,000			
Z051 RAW	50,000			

Stock Overview: Basic List

Selection

Material	1300016	Disk Brack Assembled
Material Type	HALB	Semi-finished product
Unit of Measure	PC	Base Unit of Measure

Stock Overview

Semi finished stock

Client/Company Code/Plant/Storage Locat	Detailed Display	Stock	Unrestricted use	Qual. inspection	Reserved
Full			50,000		
1000 BestRun Germany			50,000		
2005 FA MUMBAI PLANT			50,000		
2052 SEMI			50,000		

Accounting Document

The screenshot shows the SAP R/3 Accounting Document interface. At the top, a message bar indicates 'R02 Material Document' with document number '750000074' and year '2021'. Below it, a toolbar has tabs for 'General', 'Vendor', and 'Doc. Info'. The 'Doc. Info' tab is highlighted with an orange box and arrow. A sub-menu 'FI Documents' is also highlighted with an orange box and arrow. A pop-up window titled 'List of Documents in Accounting' displays document details, with '0100004182 Accounting document' highlighted with an orange box and arrow.

The main area shows a table of material movements. The first row is highlighted with an orange box and arrow. The table includes columns for Line, Mat. Short Text, Qty in Unit, Elin, Loc, Cost Center, Bus..., Profit Center, and G/...

Below the table, a 'Movement Type' field is set to '101' (GR goods receipt). A 'Stock type' dropdown shows 'Z005' and 'SEMI'. A 'Plant' dropdown shows 'FA MUMBAI PLANT' and 'Storage Location' dropdown shows 'SEMI'.

The bottom section is titled 'Display Document: Data Entry View'. It shows document details like Document Number (0100004182), Company Code (1000), Fiscal Year (2021), and Currency (EUR). The main grid displays ledger entries with various transaction types (BSX, WRV, BSV, FRL, BSK, GBB) and account numbers (e.g., 1300016, 464822, 464823, 464824).

10.5 Invoice Verification (MIRO): Verifying invoice of vendor and payment to the vendor against services.

The screenshot shows the SAP MIRO Invoice Verification interface. At the top, a message bar indicates 'Display Invoice Document 5105613419 2021'. Below it, a toolbar has tabs for 'Basic Data', 'Payment', 'Details', 'Tax', 'Contacts', and 'Note'. The 'Basic Data' tab is active.

The main area shows invoice details: Invoice date (28.06.2021), Reference (empty), Posting Date (27.06.2021), Amount (275.000,00 EUR), Tax amount (25.000,00), and Text (empty). Payment terms are set to '30 Days net' and Baseline Date is '27.06.2021'. Company Code is '1000 BestRun Germany Frankfurt'.

A right-hand panel shows vendor information for 'Vendor 0000101046': Company 'REGIME AUTOGEAR LTD', Address 'D-', and a small map icon.

An orange callout box in the bottom right corner states: 'Payment to the vendor against services for 50 pc.'

The bottom section shows a table of invoice items. The first item is highlighted with an orange box and arrow. The table includes columns for Item, Amount, Quantity, Purchase O..., Item, PO Text, and Outline Ag...

11. Vendor Consignment Process

Vendor consignment is a special type of procurement process where the vendor stores his material in the company/buyer's premises with his own ownership of that material. Material remains in the liability of the vendor until it withdrew from consignment stock. This stock remains on the vendor's hand until it gets transferred by transfer posting. The vendor raises the invoice only after stock transferred into company stock.

11.1-CREATE INFO RECORD-ME11

Create Info Record: Initial Screen

Vendor Material Purchasing Org. Plant Info Record	101046 464855 1000 Info category <input type="radio"/> Standard <input type="radio"/> Sub-contracting <input checked="" type="radio"/> Consignment
---	--

This is prerequisites to maintain consignment info record with net price and Tax code.

Change Info Record: Purch. Organization Data 1

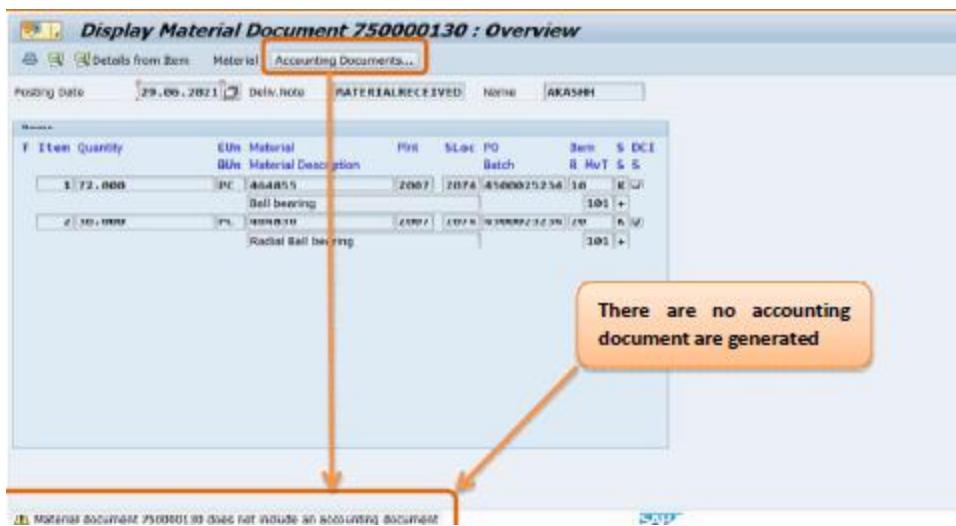
General Data	Conditions	Texts
Info Record Vendor Material Material Group Purchasing Org.	Vendor Consignment REGIME AUTOGEAR LTD Radial Ball bearing Metal Processing Consignment	
Control H. Deliv. Time Purch. Group Standard Qty Minimum Qty Rem. Shelf Life Differential Invoicing Shippng Instr.	Tol. Underdl. Tol. Overdl. Unlimited GR-Bsd IV No ERS 01 Not Rate... Tax Code 11	No MTerr Ackn. Rqd Tax Code 11
Procedure Max. Quantity Rmdg Prof.	UoM Group RMA Req.	
Conditions Net Price Effective Price Qty Conv. Pr. Date Cat. Incoterms	1 1 1 No Control	PC PC PC Valid to 31.12.9999 No Cash Disc. Cond. Grp

11.2-CREATE PURCHASE ORDER-ME21N

The screenshot shows the SAP ME21N 'Create Purchase Order' interface. At the top, there's a message box stating: 'For item cat K system is no ask me to put price and there is no condition tab is maintained because we are asking for stock only not payment for now. I've maintained net price in PIR, while settlement system will take that automatically.' The main area displays a table of purchase order items. Item 1 (Ball bearing) has a quantity of 72,000 and a unit price of 35.000. Item 2 (Radial Ball bearing) has a quantity of 36,000 and a unit price of 36.000. The table includes columns for S-Lin, Mat, Short Text, PO Quantity, Del. C. Deliv. Date, Net Price, Unit, Per., CPU Matl Group, Ref., Stor. Location, and Date. Below the table, there are tabs for Material Data, Quantities/Weights, Delivery Schedule, Delivery, Delivery Address, Confirmations, and Redit. A message at the bottom says 'Standard PO created under the number 4500025234'.

11.3 -Post Good Receipt or consignment Purchase order-MIGO

The screenshot shows the SAP MIGO 'Post Good Receipt' interface for Purchase Order 4500025234. It displays a table of goods received lines. Line 1 (Ball bearing) has a quantity of 72,000 and Line 2 (Radial Ball bearing) has a quantity of 36,000. The table includes columns for Line, Mat, Short Text, Qty, Qty in Unit, Del. Slec, Batch, Valuation Type, and Min. D.S. Below the table, there are tabs for Material, Quantity, Where, Purchase Order Data, and Partner. In the Purchase Order Data tab, the Movement Type is set to 101 (K) + GR for consigt. stock. A message box states: 'For both the materials while I posting a goods receipt special Mvt 101 (K) is generated.' A message at the bottom says 'Material document 750000130 posted'.



Stock Overview

After receiving material into consignment stock. T-CODE: MMBE

Stock Overview: Basic List

Selection

Material	464855	Ball bearing
Material Type	ROH	Raw material standard
Unit of Measure	PC	Base Unit of Measure

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ordere
Full						
1000 BestRun Germany						
2007 FA BANGLORE PLANT						
Z074 Consignment						
Vendor Consignment	72.000,000					

Selection

Material	464856	Radial Ball bearing
Material Type	ROH	Raw material standard
Unit of Measure	PC	Base Unit of Measure

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved
Full			
1000 BestRun Germany			
2007 FA BANGLORE PLANT			
Z074 Consignment			
Vendor Consignment	36.000,000		

11.4- TRANSFER POSTING – MIGO

Enter Transfer Posting: Initial Screen

New Item To Reservation... To Purchase Order... WM Parameters...

Document Date: 29.06.2021 Posting Date: 29.06.2021

Material Slip: Doc.Header.Text: GR/GI Slip No.

Movement Type: 411 Special Stock: K

Plant: 2007 Reason for Movement:

Storage Location:

Suggest Zero Lines

GR/GI Slip

Print Individual Slip Indiv.Slip w.Inspect.Text Collective Slip

The special MvT 411 (K) is used for transfer posting from consignment to own stock.

A04 Display R02 Material Document: 750000134 2021

General Doc. info

Document date: 29.06.2021 Posting Date: 29.06.2021

Material Slip: Doc.Header.Text: GR/GI Slip No.

Transfer Posting

From	To
Material: 600 bearing 884855 Plant: FA BANGLORE PLANT Storage Loc.: Consignment 2074	Material: 600 bearing 884855 Plant: Consignment 2074

Open Stock: R02 Components (Version)
REGIME AUTOGEAR LTD 101040

Stock Overview: Basic List

Selection: Material: 404855

Once I received stock to own stock it shows me at all levels means now we are liable to pay for it.

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unreserved Stock	Qual. inspection	Reserved	Rcpt reservation
• Hill	36.000.000			
- 1000 BestRun Germany	36.000.000			
- 2007 FA BANGLORE PLANT	36.000.000			
- 2074 Consignment	36.000.000			
- Vendor Consignment	36.000.000			

11.5 -Consignment Settlement

In this STEP settled the consignment to pay the vendor

Consignment and Pipeline Settlement

Company Code	1000	to		
Vendor		to		
Plant	Z007	to		
Material		to		
Document Date		to		
Posting Date		to		
Material Document		to		

Consignment
 Pipeline

Processing

Display
 Settle

Consignment and Pipeline Settlement

CoCo ...	Vendor	Mat. Doc.	MatYr	Item	Doc. Date	Plant	Material	Qty Withdr	Un	Amount	Crcy	DocumentNo	Year	Item	Information text
1000	101046	750000134	2021	1	29.06.2021	Z007	464855	36.000	PC	7.200.000,00	EUR	5100001085	2021	2	Document created
1000	101046	750000134	2021	3	29.06.2021	Z007	464856	18.000	PC	5.400.000,00	EUR	5100001085	2021	3	Document created

Display Document: Data Entry View

Document Number	5100001085	Company Code	1000	Fiscal Year	2021
Document Date	29.06.2021	Posting Date	29.06.2021	Period	6
Reference		Cross-Comp.No.			
Currency	EUR	Texts exist	<input type="checkbox"/>	Ledger Group	

Data Entry View

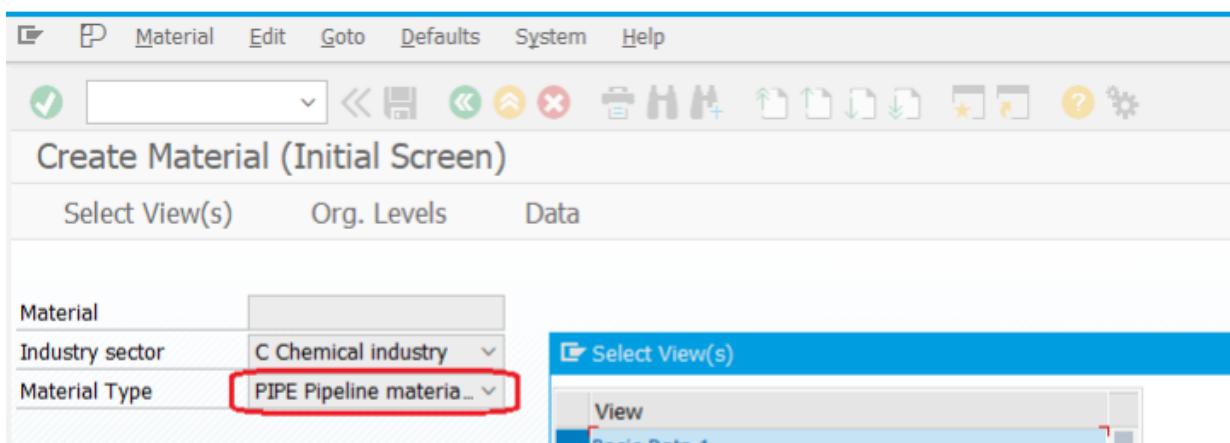
CoCd	Item	PK	S	Account	Description	Quantity	Σ	Amount	Currency	Tx	TTy	Transaction	Account Type	Cir...	Debit/Credit	Material
1000	1 31			101046	REGIME AUTOGEAR LTD			13.860.000,00-	EUR	11		KBS	K	H		
	2 40			169900	Accounts Payable - c	36.000		7.200.000,00	EUR	11		KBS	S	S	464855	
	3 40			169900	Accounts Payable - c	18.000		5.400.000,00	EUR	11		KBS	S	S	464856	
	4 40			154000	Input tax			1.260.000,00	EUR	11		VST	S	S		
								0.00	EUR							

12.Pipeline procurement process

It is the process where, material will be flowing from the vendor premises to plant premises, and pipeline material is not stored in any storage location or plant as it consumed directly as when required, because it flows directly into the production process from pipeline or via cable and coming to payment it's like consignment.

Examples of pipeline materials are electricity, oil, Gas and water.

12.1. Pipeline material type PIPE (t.code MM01)



12.2. Purchase info record with Info Category Pipeline (t.code ME11)

Purchase info record with Info Category Pipeline is mandatory for Pipeline material and while creating material master we need to select the material type as Pipeline material.

Info Record Goto Extras Environment

Create Info Record: Initial Screen

Vendor	100076
Material	81
Purchasing Org.	
Plant	
Info record	

Info category

- Standard
- Subcontracting
- Pipeline
- Consignment

In info record price and tax code is mandatory or else we can receive an error in MRKO posting

Info Record Edit Goto Extras Environment System Help

Create Info Record: Purch. Organization Data 1

General Data	Conditions	Texts
Info record		
Vendor	100076	Rajiv gas industries pvt.ltd
Material	81	Gas
Material Group	01	Material group 1
Purchasing Org.		Plant Pipeline

Control

Plnd delay time	10 Days	Tol. Underdl.	%	<input type="checkbox"/> No MText
Purch. Group	M30	Tol. Overdl.	%	<input checked="" type="checkbox"/> Ackn. Rqd
Standard Qty	100	<input type="checkbox"/> Unlimited		Conf. Ctrl
Minimum Qty		<input checked="" type="checkbox"/> GR-Bsd IV		<input type="checkbox"/> Tax Code VO
Rem. Shelf Life		<input type="checkbox"/> No ERS		
Differential Invoicing		Procedure		
Shippg Instr.		Rndg Prof.		
Max. Quantity		UoM Group		
		RMA Req.		

Conditions

Net Price	100 USD	/ 1 KG	Valid to	
Effective Price	0,00 USD	/ 1 KG	<input type="checkbox"/> No Cash Disc.	
Qty Conv.	1 KG <-> 1 KG		Cond. Grp	

12.3. Post goods issue with (t.code MIGO)

You can enter a pipeline withdrawal for an cost center (with movement type 201 P) or for order (with movement type 261 P). In the below screen it is issuing to cost center and special stock type is P

The screenshot shows the SAP MIGO (Goods Issue Other) interface. The top navigation bar includes 'Goods Receipt', 'Settings', 'System', and 'Help'. Below the title 'Goods Issue Other' are buttons for 'Hide Overview', 'Hold', 'Check', 'Post', and 'Help'. A toolbar with various icons is at the top right. On the left, a sidebar lists 'My Documents' (including several document numbers), 'Orders' (Blank), 'Reservations' (Blank), and 'Material Documents' (including document numbers 4900000662, 4900000466, etc.). The main area has tabs for 'General' (selected) and 'Contents'. Under 'General', fields include 'Document Date' (16.03.2022), 'Posting Date' (16.03.2022), 'Material Slip' (empty), 'Doc.Header Text' (empty), and a dropdown for '1 Individual Slip'. A table shows a single line item: Line 1, Status OO, Mat. Short Text Gas, Qty in UnE 100, EUR KG. Below the table are buttons for 'Delete' and 'Contents'. At the bottom, there are tabs for 'Material', 'Quantity', 'Where' (selected), 'Partner', 'Account Assignment', and 'Nomination Details'. Under 'Where', fields show Movement type 201 P - GI pipel.for cst cnt, Vendor Rajiv gas industries pvt.ltd, and Plant (empty). The Stock type field shows 100076.

Material document 4900000662 posted

You can see the accounting entries of pipeline consumption

A/c Payable for Pipeline : CR -

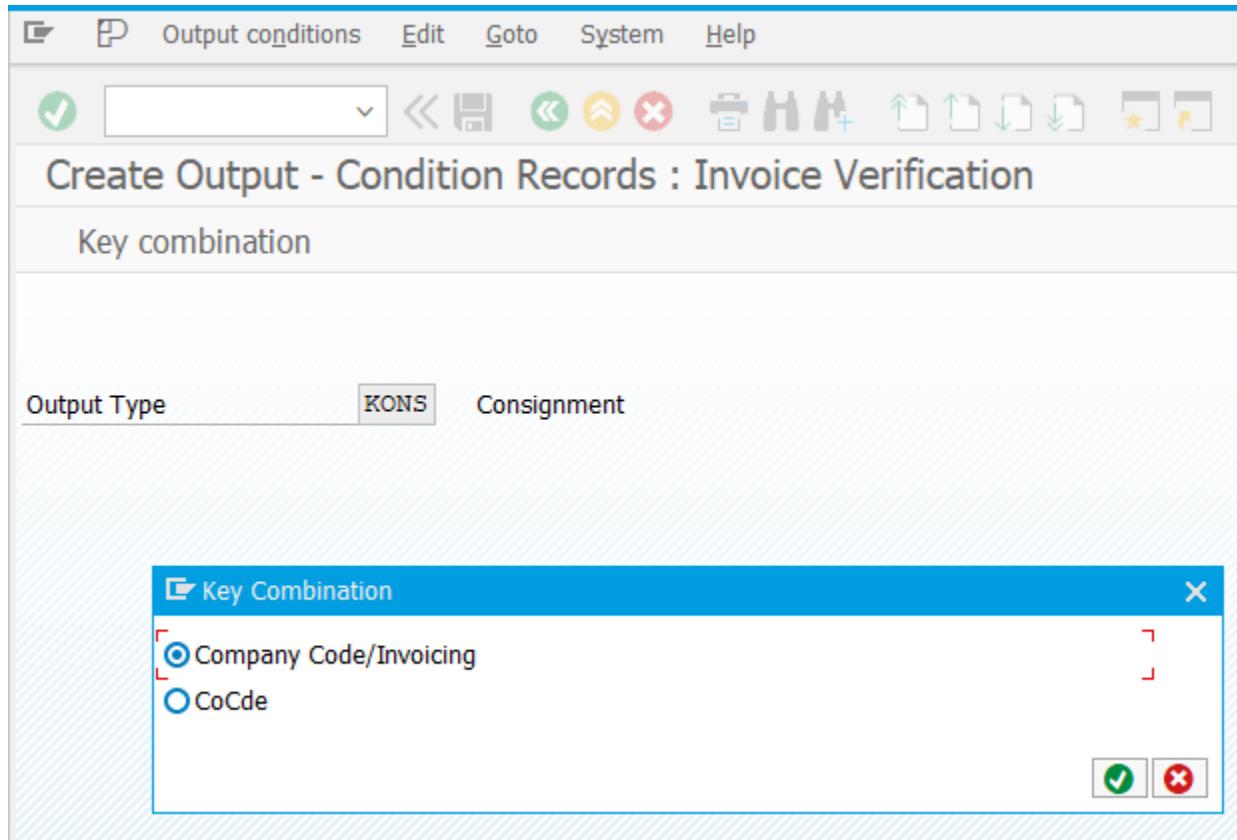
Consumption A/C: DR +

The screenshot shows the SAP Data Entry View interface. At the top, there is a toolbar with various icons for document management, search, and system settings. Below the toolbar, the title bar displays "Display Document: Data Entry View". Underneath the title bar, there are two buttons: "Display Currency" and "General Ledger View". The main area is titled "Data Entry View" and contains several input fields: Document Number (4900000080), Company Code (empty), Fiscal Year (2022), Document Date (16.03.2022), Posting Date (16.03.2022), Period (3), Reference (empty), Cross-Comp.No. (empty), Currency (USD), Texts exist (checkbox), and Ledger Group (empty). Below these fields is a toolbar with various icons. The bottom section is a table with the following data:

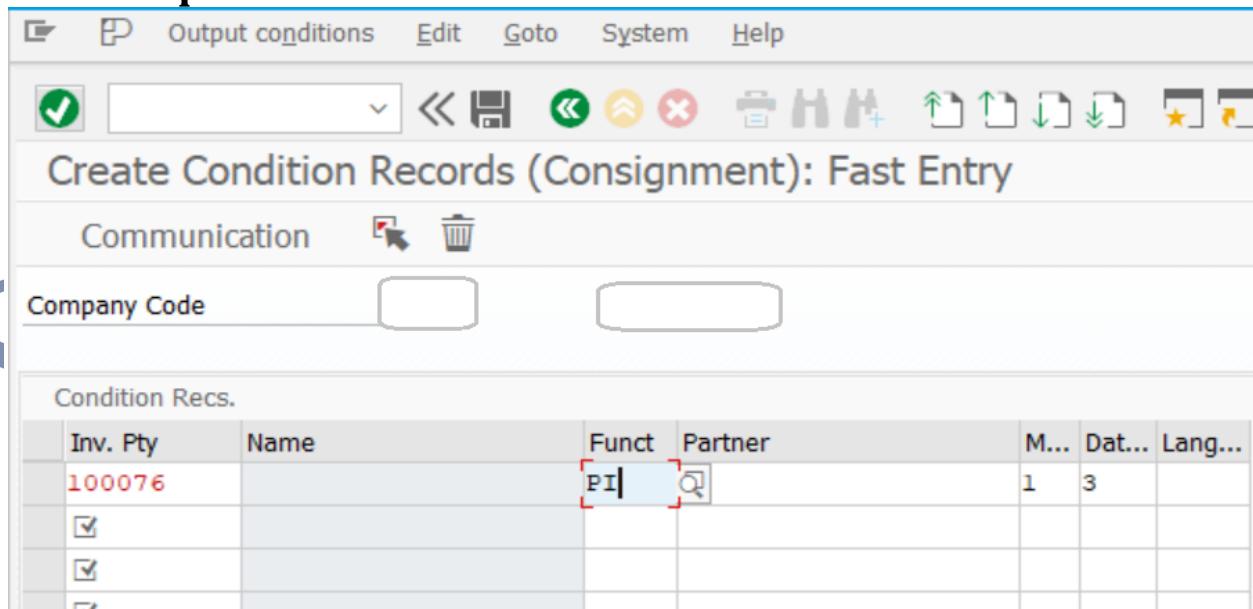
CoCd	Item	Key	SG Account	Description	Amount	Currency	Tx	Trs
	1	91	169900	Payables-consignment	10.000,00-	USD	KON	
	2	81	400000	Consumptn, raw mat.1	10.000,00	USD		GBB

Note: Maintain condition record with (t.code MRM1) to send pipeline settlement document to vendor or else document number will not create during pipeline settlement.

Give the output type as KONS and select key combination

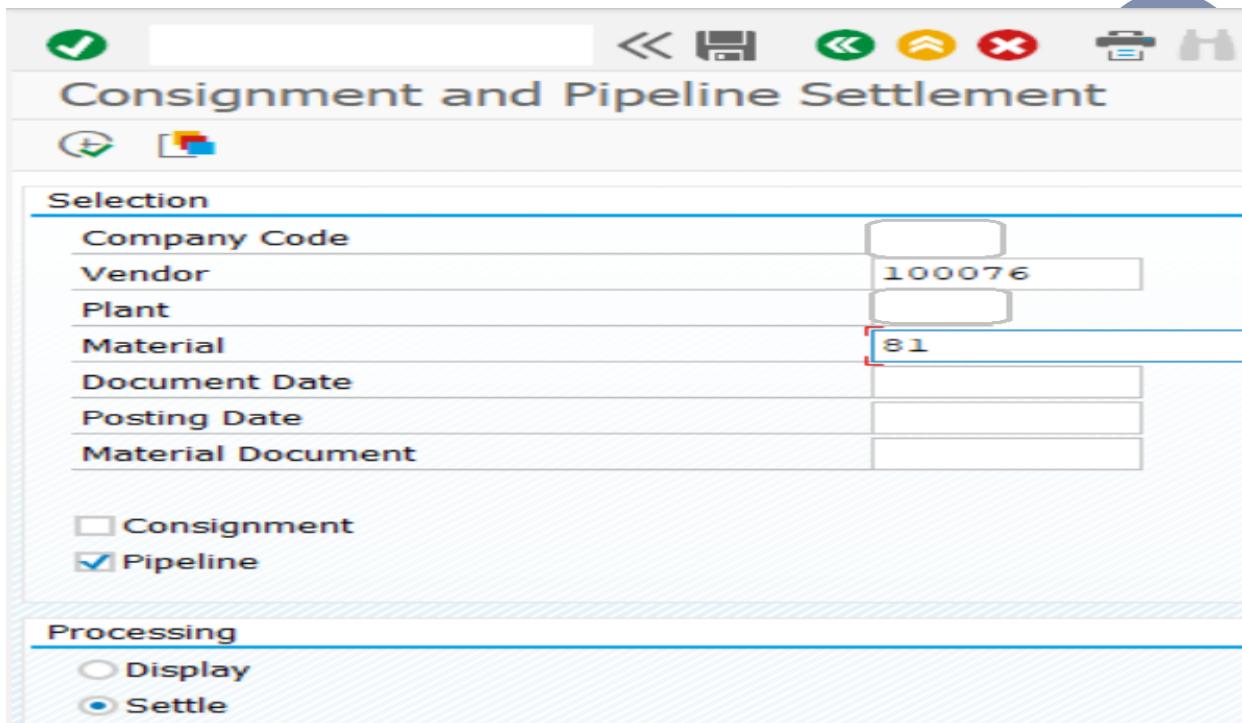


After giving the vendor number click on communication and enter required details and save it.



12.4. Automatic settlement document with (t.code MRKO)

In this transaction select pipeline option and give the selection criteria and click on execute.



You can see the below screenshot where document number generated.

CoCode	Vendor	Mat. Doc.	MatYr	Item	Doc..Date	Plant	Material	Qty Withdr	Un	Amount	Crcy	DocumentNo	Year	Item	Information text
100076	4900000662	2022	1	16.03.2022		81	100	KG	10.000,00	USD	5100000130	2022	2	Document created	

See the accounting entries for pipeline settlement

Vendor A/C : CR -

A/c Payable For Pipeline : DR +

Document Edit Goto Extras Settings Environment System Help

Display Document: Data Entry View

Taxes Display Currency General Ledger View

Data Entry View

Document Number	5100000130	Company Code		Fiscal Year	2022
Document Date	16.03.2022	Posting Date	16.03.2022	Period	3
Reference		Cross-Comp.No.			
Currency	USD	Texts exist	<input type="checkbox"/>	Ledger Group	

Print, Copy, Paste, Find, Filter, Print Preview, Print, Save, Load, New, Delete, Refresh, Help, Settings

CoCd	Item Key	SG Account	Description	Amount	Currency	Tx	Trs
	1 31	100076	Rajiv gas industries pvt.ltd	10.000,00-	USD	V0	KBS
	2 40	169900	Payables-consignment	10.000,00	USD	V0	KBS

Printing/transmitting the settlement document to vendor with output type KONS for the invoice created in MRKO (t.code MR91)

Program Edit Goto System Help

Messages from Invoice Verification

Print, Copy, Paste, Find, Filter, Print Preview, Print, Save, Load, New, Delete, Refresh, Help, Settings

Message Data

Output Type	KONS	to		<input type="checkbox"/>
Transmission Medium		to		<input type="checkbox"/>
Created On		to		<input type="checkbox"/>
Sort order	01	Vendor/Partner function/Document number		
Processing mode	1	First processing		

Invoice Doc. Data

Document Number		to		<input type="checkbox"/>
Document Date		to		<input type="checkbox"/>
Fiscal Year	2022			
Company Code				
Vendor		to		<input type="checkbox"/>
User		to		<input type="checkbox"/>

Select the line item and click on process button

Messages from Invoice Verification

Inv. Doc. No.	Item	CoCode	Vendor	Ro...	Name 1	Out.	Created On	Med Stat	User Name
5100000130		100076	RS	Rajiv gas industries pvt.l...	KONS	16.03.2022	1	0	