# **Material Master Configuration**

# 1) Define the length of Material Number.

#### Path to Set Length of material No: -

SPRO-> Logistics – General-> Material Master-> Basic Settings-> Define Output Format of Material Numbers

- ➔ By click on it enter the length of material no you required as per business requirement.
- → In SAP MM ECC 18 is the max length of material.

Change View "Material	Number Format": Details
🦻 💫 🔓 🐺	
Material Number Display Options	
Material No. Length	
Material Number Template	
Lexicographical	Leading Zeros

→ Then click on Save.

# 2) Posting Period: -

Posting periods define the fiscal calendar; the allowed posting period defines which posting periods are open for posting data. You can define your fiscal calendars so that the system identifies data by a unique posting period. You only define the end date for the period.



#### Path to Set Posting Period: -

SPRO-> Logistics – General-> Material Master-> Basic Settings-> Maintain Company Codes for Materials Management

→ By click on this below screen

CoCd	Company Name	Year	Pe	FYr	м.	FYr	L.,	ABp	D	Вр	
000	TATA MOTOR	2022	10	2022	9	2021	12				<b>•</b>
++	vardan				0		0				<b>*</b>
0001	IDES AG	2022	9	2022	8	2021	12	$\checkmark$			
0002	RELIAN	1993	3	1993	2	1992	12	$\checkmark$			
0004	skype pvt.ltd.	2022	9	2022	8	2021	12	$\checkmark$			
0005		2015	8	2015	7	2014	12	$\checkmark$			
0006	Fin dept	2015	7	2015	6	2014	12	$\checkmark$			
0007	BestRun NEW GL	2015	6	2015	5	2014	12	$\checkmark$			
8000	reliance inc	2022	11	2022	10	2021	12	$\checkmark$			
0009	RELIAN	1993	3	1993	2	1992	12	$\checkmark$			
001	DASI ENTERPRISES	2022	9	2022	8	2021	12				*
0010	RELIAN	2022	9	2022	8	2021	12	$\checkmark$			*
	<ul> <li>Image: Second sec</li></ul>								۹.	¥.	

→ Click on **Position** enter **Company Code** & set posting period.



Year	Pe	FYr	м.	FYr	L.,	ABp	DBp	
2022	11	2022	10	2021	12	<b>v</b>		-
2022	7	2022	6	2021	12	<ul><li>✓</li></ul>		•
2022	9	2022	8	2021	12	<		
2022	5	2022	4	2021	12	<		
2022	10	2022	9	2021	12	<		
2015	5	2015	4	2014	12	<		
2015	5	2015	4	2014	12	<		
2022	7	2022	6	2021	12	<		
2015	5	2015	4	2014	12	<		
2015	5	2015	4	2014	12	<		
2015	5	2015	4	2014	12	<		*
2015	5	2015	4	2014	12	-		-
	2022 2022 2022 2022 2015 2015 2015 2022 2015 2015	2022         11           2022         7           2022         9           2022         5           2022         10           2015         5           2022         7           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5           2015         5	2022         11         2022           2022         7         2022           2022         9         2022           2022         5         2022           2022         10         2022           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015           2015         5         2015	2022         11         2022         10           2022         7         2022         6           2022         9         2022         8           2022         5         2022         4           2022         10         2022         9           2015         5         2015         4           2022         7         2022         6           2015         5         2015         4           2025         7         2022         6           2015         5         2015         4           2015         5         2015         4           2015         5         2015         4           2015         5         2015         4           2015         5         2015         4           2015         5         2015         4           2015         5         2015         4	2022         11         2022         10         2021           2022         7         2022         6         2021           2022         9         2022         8         2021           2022         5         2022         4         2021           2022         10         2022         9         2021           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014           2015         5         2015         4         2014	2022         11         2022         10         2021         12           2022         7         2022         6         2021         12           2022         9         2022         8         2021         12           2022         5         2022         4         2021         12           2022         10         2022         9         2021         12           2022         10         2022         9         2021         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12           2015         5         2015         4         2014         12	2022       11       2022       10       2021       12       I         2022       7       2022       6       2021       12       I         2022       9       2022       8       2021       12       I         2022       5       2022       4       2021       12       I         2022       10       2022       9       2021       12       I         2022       10       2022       9       2021       12       I         2015       5       2015       4       2014       12       I	2022       11       2022       10       2021       12       ✓         2022       7       2022       6       2021       12       ✓          2022       9       2022       8       2021       12       ✓          2022       5       2022       4       2021       12       ✓          2022       10       2022       9       2021       12       ✓          2022       10       2022       9       2021       12       ✓          2015       5       2015       4       2014       12       ✓          2015       5       2015       4       2014       12       ✓          2015       5       2015       4       2014       12       ✓          2015       5       2015       4       2014       12       ✓          2015       5       2015       4       2014       12       ✓          2015       5       2015       4       2014       12       ✓

- → Usually Posting Period set by Finance consultant
- → For Display Posting Period by using T-Code: MMRV
- ➔ Enter the T-Code in command bar below screen opens. Enter the CC.

Allow Posting to Previous Period					
Company Code					

→ System will show you the Posting Period



Allow Posting to	Previous Perio
Company Code 5300	Training Company
Posting periods (month/year	r)
Current period	11 2022
Previous period	10 2022
Last period in prev.year	12 2021
Post to previous period	
Allow posting to previous	per.
Disallow backposting gene	erally

# 3) Material Type

To enable different materials to be managed consistently in accordance with company requirements, materials with the same properties are divided into groups and assigned to a material type. Examples of such groups:

- Raw materials (ROH)
- Semi-finished products (HALB)
- Finished products (FERT)
- Materials procured externally (FREMD)
- Process materials (PROC)
- Trading goods
- Operating supplies



Path to Create Material Type: -

SPRO-> Logistics – General-> Material Master-> Basic Settings-> Material Types -> Define Attributes of Material Types

→ By click on this below screen opens

Change View "Mater	ial types": Overview
🤣 🔍 New Entries 🗈 🖶	
Dialog Structure  Material types  Quantity/value updat	M Material type description
	Position Entry 1 of 1,694

→ By using T-Code: - OMS2 we can directly jump to this screen
 → Click on Position. Enter the ROH it's a standard material type set by SAP we can create our customized one by copying this.

<u> </u>	<u>S</u> election <u>U</u> tilities S <u>y</u> stem <u>H</u> elp
<ul> <li>The second second</li></ul>	× 🔚   🗞 🚷   🚔 🛗 🎼   🏝 🖆 📮 🗐 💭 🔚   😨 🖳
Change View "Mate	rial types": Overview
🦘 🕄 New Entries 🗈 🗟	
Dialog Structure Copy	As (F6)
<ul> <li>Material types</li> </ul>	YROH Std. Raw Material Test-01
Quantity/value updat	YROW Raw Material - YROW
	YRR Raw Material11
	YRRD Raw Material Std for R&D
	YRW Raw Material -pre
	YRWB Raw maaterial ka22
	YRWW ROH SOS Testing
	YS ys material type
	YSR Finished product for 6005
	YSSH buldana material hgh
	YSSS Finished Product AC
	YSW Raw Material YJSW LTD
	YVEM Raw material for VEM
	Posicion Entry 1,373 of 1,695

→ Select Copy as & create customized Material Type ass below



<ul> <li>The second second</li></ul>	« 🗐   🗞 🚱   🖴 🖞 👘 1 🎝 🗘 🎝 🕽   🗊 🏹 1 🎯 🖳
Change View "Mater	ial types": Details
🦻 New Entries 📋 🔁 🕬	
Dialog Structure  Material types  Quantity/value updat	Material Type     YCPM     Std. Raw Mat. MM-CPMG       General data       Field reference     ROH     X-plant matl status       SRef: material type     ROH     Item category group       Authorization group     Item Category group       Vith Qty Structure       External no. assignment w/o check     Initial Status
	Special material types       User departments         Material is configurable       Status description         Material f. process       Purchasing         Pipeline mandatory       Production resources/tools         Manufacturer part       Costing         Basic data       Storage         Forecasting       Quality management         Ext. Purchase orders       Varehouse management         Int. purchase orders       Plant stocks
	Class type 001 Class 3000 Valuation
Valuation	
Price control Acct cat. reference	V Moving average price/periodic unit price       ee       0001   Price ctrl mandatory
Quantity/value up	dating
Quantity updating	Value updating areas O In all valuation areas area O In no valuation area
By valuation are	ea <ul> <li>By valuation area</li> </ul>

→ Our customized material type created.



Change View "Material type	es": Details	
€ <mark>1</mark>		
Dialog Structure	Material Type YCPM Std. Raw Mat.	MM-CPMG
· Duantity/value updating	Field reference         ROH           SRef: material type         ROH	X-plant matl status Item category group
	Authorization group           Image: Comparison of the state	☑ With Qty Structure
	Special material types	User departments
	Material is configurable	Status description

→ Now click on Quantity & Value Updating

Change View "Quan	ntity/	value	updat	ing": Ove	rview				
Dialog Structure	Qua	antity/valu	ue updatin	g					
<ul> <li>Material types</li> </ul>	Va	l. area	Matl ty	Qty updati	Value Upd	Pipe.mand.	Pij		
• 📂 Quantity/value updat	000	00	YCPM				-		
	000	06	YCPM						
	000	08	YCPM						
		Anothe	er entry		×				
		aluation /	Area	como					
			nea	Cping	ຸ [				
	M	acenar ry	pe	[VCDm]	<u> </u>				
	019	90	YCPM				-		
-	019	91	YCPM				-		
				▲ ▶ ::::	]	4	•		

➔ Enter the Valuation Area as Plant & Material Type (Customized one)



Change View "Quant	tity/value	updat	ing": Ove	erview		
Dialog Structure	Quantity/val	ue updatin	g			
Material types	Val. area	Matl ty	Qty updati	Value Upd	Pipe.mand.	Pij
• 📂 Quantity/value updat	CPMG	YCPM	$\checkmark$	$\checkmark$		
	CPP1	YCPM				<b>•</b>
	CPR	YCPM				
	CPS1	YCPM				
	CPS2	YCPM				
	CREP	YCPM				
	CRNP	YCPM				
	CS01	YCPM				
	CS1	YCPM				
	CSK2	YCPM				
	CSKP	YCPM				
	CSPO	VCDM				-

→ Tick Quantity & Value updating. Click on Save.

➔ Now we can create Material by using Customized material type & Industries Sector.

Select View(s)	Org. Levels Data
Material	
Industry sector	M Mechanical Indus 🔻
Material Type	YCPM Std. Raw Ma 🕶
Change Number	
Copy from	
Material	

→ Material 9000000000002165 created



→ By using Display material, we can check the material type under which material created. As below.

	Ga Org. Levels										
🗟 Basic data 1	Basic data 2 🛛 🔊 Pure	chasing Foreign tra	ade import 🛛 🖉 Purc								
				🕞 Display Material 9000	00000000000216	55 (Basic Dat	ta 1, Std. Raw	Mat. MM-			
aterial 900000	000000002165 Test Mate	erial Type									
68											
an aral Data				Industry sector M	10000000000000002	Mecha	material lyg nical Indust	e rv			
	The state	Material Course	004	Material type Y	CPM .	Std.	Raw Mat. MM-	CPMG			
ase Unit or Measure	LA Each	Material Group	004	Low-level code	NEWMA86	0.7	09 11 22				
u macenai number		Ext. Mati Group		Last changed by	in Enterio o	on	00.00.00				
		Brod bioparchy									
obot mati status		Valid from		Status information	a:						
Assign effect vals		GenitemCatGroup									
		Genteeneeroup		No deletion flags	or locks						
laterial authorization	group										
uthorization Group				Client level.							
				client level.							
imensions/EANs							Created Or	Cuested by	Last Cha	Changed by	٦
iross Weight	0.000	Weight unit		Status description	1		created on	created by	Last eng.	changed by	4
let Weight	0.000	1		Purchasing			09.11.2022	NEWMM86			
olume	0.000	Volume unit		Basic data Storage			09.11.2022	NEWMM86 NEWMM86			
ize/dimensions										<u> </u>	J
		Ettil Ontonio									

## 4) Define Number Range

#### There are two Types of Number Range

#### 1) Internal Number Range

#### Path to Create Internal Number Range: -

SPRO-> Logistics – General-> Material Master-> Basic Settings-> Material Types -> Define Number Ranges for Each Material Type

 $\rightarrow$  By click on this below screen opens.

Rang	ge Maintenance: Material master
🔊   🗞	Groups 🖉 Groups Change documents
<del>Gy</del>	Intervals // Intervals // NR Status
w 195 kills	LinkedIn   Mayur Sonar Email :- sonarmayur1998@gmail.com Mo. No: - 7744918923

# → Click On Groups & Create New Group as below

Change	P	1 🗩 🙆 🌄 1 🗁	品格115115日	i 🗈 i 🔙 🗖	- 0
Change curre	nt number				
Existing	2/	rial master			
Assign					
Eree Intervals					
Save	Ctrl+S G				
Exit	Shift+F3				
oject MATI	ERIALNR				
bobject					
Ranges					
N., From No.	To Num	nber I	NR Status	Ext	<b></b>
		C			<b>^</b>
	- T	0			-
		-			
		c			
		- a			
		0 0			
		a a a			
		a a a a a			
		0 0 0 0 0 0			

→ Check the free intervals. Select & Save

<ul> <li>•</li> </ul>	« 📙   🜏 🚫 😡		<u>)</u>   📮 🗷	🕜 🖳
Maintain Intervals:	Material master			
Group Number Range	of CPMG			
Object MATERIALNR Subobject				
Ranges				
N. From No.	To Number	NR Status	Ext	
YQ 96000000000000000	96000000000049999	0		*
				*

- → Number Range has been saved for this group.
- → Now we need to assign this Group to our Material Type.
- → By following the same path click on group. By using Ctrl+F find your material type as below.



Group	p Maintenance: Nu	mber Range MATERIALNR	
🥒 🗋 I	📲 Element/Group 🔢 🔍	🚢 🐺   🕼   🎟 🖽 🖏   🗓	
			_
Group te	ext		
Element		Element text	
Non-Assi			
UERD			
UFED	Find vcom		
UHAD	Ling		
JHLW			
JLED	Starting at current line		
UPID	Only on current page		
UROD			
ZRH1			
ZTRO	Cancel search after hits:	100	
ZWE			_
100			_
1000			_
200		Semi-finished product	_
80H		Bractice rob	
KOH		ANKIT DAW MAT TYDES	
ISFT		Finished Product Sample	
ROTC		Raw material Tanmay Const	
SEMI		Semi-finished product	
SPHR		SHUBHAM TEST RAW MATERIAL	

1	
Group Mainte	nance: Number Range MATERIALNR
🧷 🗋 🛛 📲 Element	/Group   🕄   🚢 📅 🛛 🚯   🎟 🖽 🖏   🗓
Group text	
Element	Element text
YCPM	Std. Raw Mat. MM-CPMG
YRAH	Raw Material -YRAH
YWAR	Raw Material-YWAR
ZUSA	Raw Material-USA1
ZVRM	Raw Material VVIL
VV1	
HOR	HOR ROH

→ Its already assign to standard group.

→ Assign that to our group created.

→ Click on Material type & Select our group as below.

Group Maintenan	ce: Number Range MATER	IALNR				
🥒 🗋 🛛 📲 Element/Grou	up   🥞   🚢 🗮 🏹   🚯   🎟 🖷	E 🖷   ፤				
Group text						
Element	Element text	(				
		🗕 🖻 Group Sele	ectio	n		X
YCPM	Std. Raw Mat. MM-CPMG					
YRAH	Raw Material -YRAH					- · · · · · · · · · · · · · · · · · · ·
YWAR	Raw Material-YWAR	Subobj.val	No	NO		Group text
ZUSA	Raw Material-USA1					
ZVRM	Raw Material VVIL		XY		665	2011
			XZ		666	
VV1			IA		660	CROUP OF JUL
HOR	HOR_ROH				660	MATERIAL NUMBER RANCES ((DDDD))
					670	ADIO
VV2			VG		671	FOR BSOS
BLAH	BLAH_HALB		VH		672	10rr rew material
D7	DURGA RAW MATERIAL		vv	-	673	MATERIAL CROUP -5329
			VT.		674	SUDCTO DO TADOR
VV3			YM	YN	675	ANA MATERIALS STD
TREF	TREF_FERT		YO		676	PTPH
			YP		677	COOL NUMBER RANGES
PMMC NR			YO		678	Number Range of CPMG
PPIN	PM FINISHED MATERIALS		- ~			Non-Assigned Elements
FRE	FR NAW MAILKIALS					· · · · · · · · · · · · · · · · · · ·
8494						
0101						
DM01						
DOBT	DORT FERT					



→ Material type will assign to our Number range.

I - Flement/		
Group text		
Element	Element text	
KBRT	KBRT FERT	
KRLB	KRLB_HALB	
FOR RSOS		
RSOS	Raw Material FOR SOS	
19rr raw material		
ZKDS	Raw material ROH KDS	
MATERIAL CROUD _53	20	
5329	RAW MATERIAL SHEET	
syncro no range		
syncro no range DIEN	Services (sv)	
syncro no range DIEN Y844	Services (sv) syncro ring	
syncro no range DIEN Y844 ANA MATERIALS STD	Services (sv) syncro ring	
syncro no range DIEN Y844 ANA MATERIALS STD ZRA2	Services (sv) syncro ring Raw Material Std	
SYNCTO NO TANGE DIEN Y844 ANA MATERIALS STD ZRA2 PIPH	Services (sv) syncro ring Raw Material Std	
Syncro no range DIEN Y844 ANA MATERIALS STD ZRA2 PIPH MOJ1	Services (sv) syncro ring Raw Material Std skype pvt.ltd.	
syncro no range DIEN Y844 ANA MATERIALS STD ZRA2 PIPH MOJ1 SKYP	Services (sv) syncro ring Raw Material Std skype pvt.ltd. Raw Material 0011	
SYNCTO NO TANGE DIEN Y844 ANA MATERIALS STD ZRA2 PIPH MOJI SKYP COOL NUMBER RANGES	Services (sv) syncro ring Raw Material Std skype pvt.ltd. Raw Material 0011	

# → Now create the material by using T-Code: - MM01 → System will pick the number range set by us.

🗋 📫 Additional Data	💑 Org. Levels 🧉 🖆	Check Screen Data
🧷 🥏 Plant data / stor.	2 ZAccounting	g 1 Accounting 2 WM Execution W.
haterial GDMC	Terrinin a	Diant MM 01
Varit CPMG		Planc MM - 01
Ca. [[		
General Data		
Base Unit of Measure	EA Each	Valuation Category
Currency	INR	Current period 11 2022
Division		Price determ.
Current valuation		
Valuation Class	3000	
VC: Sales order stk		Proj. stk val. class
Price control	V	Price Unit 1
Moving price	10.0	Standard price
Total Stock	0	Total Value 0.0
		Valuated Un
Future price		Valid from
Description parises		Last price change

#### → Material 96000000000000000 created



#### 2) External Number Range

→ By Following same path go to Element group

→ Add the external Number range as below

Mai	ntain Intervals: I	Material master			
61					
roup	Number Range o	f CPMG			
)bject ubobje	MATERIALNR				
D					
Range	es	To Number	NP Status	Evt	
Range No	From No.	To Number	NR Status	Ext	
Range No YQ	es From No. СРМООО1 96000000000000000000000000000000000000	To Number CPM5000 96000000000049999	NR Status 0 96000000000000000000000	Ext	• •
Range No YQ	es From No. CPM0001 96000000000000000000000000000000000	To Number CPM5000 96000000000049999	NR Status 0 96000000000000000000	Ext	
Range No YQ	es From No. CPM0001 96000000000000000000000000000000000	To Number CPM5000 96000000000049999	NR Status 0 96000000000000000000	Ext V	• •
Range No YQ	es From No. CPM0001 96000000000000000000000000000000000	To Number CPM5000 96000000000049999	NR Status 0 960000000000000000	Ext	•

→ Click on save. External number range saved.

 $\rightarrow$  Now assign that to Element group.

→ Now create the material with External Number range.

Create Material	CPM0001 (Std. R	Raw Mat. MM-	CPMG)	
📫 🛋 Additional Data	🖺 Org. Levels 🛛 🖆 Che	eck Screen Data 🧯	3	
💿 Basic data 1	🔊 Basic data 2 🛛 🔊 P	urchasing Foreig	n trade import 🛛 Purc 🗎 🔳	
Material CPM0001	External No	. Range Material	I	•
General Data				1   C
Base Unit of Measure	EA	Material Group	004	
Old material number		Ext. Matl Group		
Division		Lab/Office		
Product allocation		Prod.hierarchy		33
X-plant matl status		Valid from		
Assign effect. vals		GenItemCatGroup		
Material authorization gro	up			

→ System will take the Set External No. range

# → Material CPM0001 created



#### Note :-

If we tick External No Assignment W/o check.

og Structure	Material Type YCPM Std. Raw Mat. M	IM-CPMG				
🖻 Material types	General data					
• 🔲 Quantity/value updat	Field reference ROH	X-plant matl status				
	SRef: material type ROH	Item category group				
	Authorization group	✓ With Qty Structure				
	External no. assignment w/o check	Initial Status				
		-				
	Special material types	User departments				
	Material is configurable	Status description				
	Material f. process	Work scheduling				
	Pipeline mandatory	Accounting				
	Manufacturer part	Classification				
		MRP				
		Purchasing				
		Production resources/tools				
	Internal/external purchase orders	Costing				
	Ext. Purchase Orders 2	Basic data				
	Int. purchase orders 0	Storage				
		Forecasting -				
	Classification					
	Class type 001					

➔ Then system will allow to enter any external no for creating material no. as below.

Create Material CPM45109 (Std	. Raw Mat. MM-CPMG)
📫 🖒 Additional Data 🛛 📲 Org. Levels 🗳 Ch	neck Screen Data 🔒
🔊 Basic data 1 🛛 Basic data 2 🔊 Purc	chasing 🛛 Foreign trade import 🛛 🗟 Purc 🗎 🔍 🔍
Material CPM45109	<b>. .</b>
General Data	
Base Unit of Measure	Material Group
Old material number	Ext. Matl Group
Division	Lab/Office
Product allocation	Prod.hierarchy #
X-plant matl status	Valid from
Device offect web	Conthem Cold Conver



#### When Base unit of Measurement & Ordering Unit is Different

# <mark>Step: - 1</mark>

#### Create a standard material by using T-Code: - MM01

→ While creating material I will keep Base unit as EA

Create Material S	60000000000005002 (Std. Raw Mat. MM-CPMG)	
💾 🔿 Additional Data	🖥 Org. Levels 🛛 🖆 Check Screen Data 🛛 🔒	
🔊 Basic data 1 🧯	Basic data 2 🔗 Purchasing 🛛 Foreign trade import 🔹 Purc) 💽 🕒 🗔	
Material 960000000	00005002 Ordeing Unit & Base unit Difference	
Base Unit of Measure	EA Material Group 004 Q	
Old material number	Ext. Matl Group	
Division	Lab/Office	
Product allocation	Prod.hierarchy #	
X-plant matl status	Valid from	
Assign effect. vals	GenItemCatGroup	

#### ➔ Ordering unit as BOX

Create Material 9	600000000000	005002 (Std. Rav	v Mat. MM-CPMG)	
💾 📥 Additional Data 📊	🚰 Org. Levels 🛛 🚰 Ch	neck Screen Data 🛛 🔒		
🖉 Basic data 2	Purchasing For	reign trade import Pur	chase order text	
Material 96000000	00005002 Ordeing U	nit & Base unit Difference	i	÷
Plant CPMG	Training P	lant MM - 01		
General Data				
Base Unit of Measure	EA Each	Order Unit	BOX Var. OUn	
Purchasing Group	CPO	Material Group	004	
Plant-sp.matl status		Valid from		
Tax ind. f. material		Qual.f.FreeGoodsDis.		44
Material freight grp		Autom. PO		
		OB Management		
Batch management		OB ref. matrial		



// 🔗 Basic data 2	Purchasing	Foreign trade import	Purchase order text	
Material 9600000 Plant CPMG	000000005002 Or Tra	deing Unit & Base unit Diffe aining Plant MM - 01	erence	+
General Data Base Unit of Measure Purchasing Group	EA Each	n Order Unit Material Group	BOX Var. OUn	
Tax ind. f. material Material freight grp	Enter the factor fo converting the alte unit to the base un	r rnative hit.	Dis.	***
Purchasing values Purchasing value key	1 BOX <=	> <mark>50 ]</mark> EA		
1st Reminder/Exped. 2nd Reminder/Exped	U days		0.0 percent 0.0 percent	
StdValueDelivDateVa	r 0 days	Unitd Overdelivery	Acknowledgment Reqd	
Other data / manufac	turer data			1 ÷

→ System will ask for the conversion factor a below.

# → Material 96000000000000000 created

### <mark>Step: - 2</mark>

# Create a Standard PO by using T-Code: - ME21N

			Cre	eate	P P	urchase Order												
	D						Deele	👍   📭 🖓 Drink Dravin		at Deserve	al Cattina II. C	ave As Tamalata	1	6				
	DOC	ume	ni Uv	rervie	wc	m Hoid	Park		w messages 1	and Person	ar security 1 3	ave As Template	LOad	from re	трас	•		
٦	IIV N	IB P	urcha	se O	rder	•	Vend	or 400000291	2 Test Vendor for Ve.	Doc. da	te 09.11.20	22 🛆						
	Не	eade	r															
	B	S.,	Itm	A	I	Material		Short Text	PO Quantity	OUn	C Deliv. Date	Net Price	Curr	Per	0	Matl Group	Pint	<b>771</b>
			10			96000000000000000	)2	Ordeing Unit & Base unit	10	BOX	D 09.11.2022	10.0	INR	1	BOX	004	CPMG	
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İ.	_	/ 1	lateria	al Dat	а	Quantities/Weights	D	elivery Schedule Delive	ry Invoice Co	nditions	Texts De	livery Address	Confirm	ations	Co	ndition Contr	ol Retail	

→ Order unit is in Box as per set in material master
→ Std.Pur.Doc. Test-1 created under the number 4500027418



ocument Ov	erview On	🗅 🧇 🖣	🖰 🛛 🔂 Print Preview	Messages ፤ 🛓	🗄 Personal Se	etting	Save As T	Template							
NB Purchas	e Order	4500027	Vendor	4000002912 Te	st Vendor for	r Ve	Doc. date	11.11.2022							
B S Itm	A I M	aterial	Short Text	PO Quantity	OUn	С	Deliv. Date	Net Price	Cur	r Per	0	Matl Group	Plnt	Stor. Lo	a 🚺
10	96	<u>000000000</u>	Ordeing Unit & Base unit		10 BOX	D	11.11.2022	100	.0 INR	1	BOX	004	CPMG	ROH1	
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Item	1[1	0 ] 96000000	00000005002 , Ordeing Ur										distant Constant /		
Item Materia	1 [ 1   Data / (	0 ] 96000000 Juantities/We	ights Delivery Schedu	ule Delivery	Invoice	Con	ditions Te	xts Delivery	Addres	is Co	nfirmat	ons r Con		<b>N.</b>	
Item Materia	1 [ 1   Data (	0 ] 96000000 Juantities/We	ights Delivery Schedu		Invoice	Cor	BOX C-> 1	xts Delivery	Addres	is Co	nfirmat	ons <sub>(</sub> Con		<b>K</b> j. C.C.	
Item Materia PO Quantit	1 [ 1	0 ] 96000000 Juantities/We	10000005002 , Ordeing Ur ights Delivery Schedu 10 BOX Order Un 500 EA Order Un	it <-> Ord. Price (	Unit	Cor	BOX <-> 1 BOX <-> 5	Xts Delivery	Addres	is (Co	nfirmat	ons <u>r Con</u>		<u></u> ))	
Item Materia PO Quantit PO Qty in S	1 [ 1 I Data ( Y	0 ] 96000000 Juantities/We	ights Delivery Schedu 10 BOX 500 EA Order Un Order Un	IL> Ord. Price I	Unit	Cor 1	BOX <-> 1 BOX <-> 5	Delivery	Addres	is Y Co	nfirmat	ons <u>r</u> Con			
Item Materia PO Quantit PO Qty in S Net Weight	1 [ 1 I Data ( KU	0 ] 96000000 )uantities/We	ights Delivery Schedu 10 BOX Order Un 500 EA Order Un 0.000 /1 BOX	it <-> Ord. Price ( it <-> SKU	Unit	Cor 1	BOX <-> 1 BOX <-> 5 0.000	xts Delivery	Addres	<u>ss   Co</u>	nfirmat	ons r Con		<u></u>	
Item Materia PO Quantit PO Qty in S Net Weight Gross Weig	1 [ 1 I Data ( Y KU ht	0 ] 96000000 Juantities/We	0000005002         Ordeing Ur           ights         Delivery Schedu           10         BOX         Order Un           500         EA         Order Un           0.000         /1         BOX           0.000         /1         BOX	It -> Ord. Price It <-> Ord. Price It <-> SKU Net weight Gross weight	Unit	Cor 1	BOX         Te           BOX         -> 1           BOX         -> 5           0.000         0.000	xts Delivery	Addres	s Co	nfirmat	ons r Con		<b>K</b>	
Item Materia PO Quantit PO Qty in S Net Weight Gross Weig Volume	1 [ 1 I Data ( KU KU	0 ] 96000000 2uantities/We	0000000502         Ordeing Ur           lights         Delivery Schedu           10         BOX         Order Un           500         EA         Order Un           0.000         /1         BOX           0.000         /1         BOX           0.000         /1         BOX	III - Delivery III -> Ord. Price ) III -> SKU Net weight Gross weight Volume		1 1	BOX         ->         1           BOX         ->         5           0.000         0.000           0.000         0.000	xts Delivery	Addres	<u>s   Co</u>	nfirmat	ons r Con			

# <mark>Step: - 3</mark>

Do the goods receipt by using T-Code: - MIGO

1) Check the Stock in MMBE

Stock Overview	r: Basic List					
n 🔁						
Selection						
Material	960000000000005002	Ordeing Unit &	Base unit Differenc	e		
Material Type	YCPM	Std. Raw Mat. I	MM-CPMG			
Unit of Measure	EA	Base Unit of Me	asure	EA		
Stock Overview						
V2 (1) 2. 30	etailed Display					
Client/Company Code/Pl	ant/Storage Location/Batc	h/Special Stock	Unrestricted use	Qual. inspection	Reserved	Ro
- <b>▼</b> ⊖ Full						
▼ 🗐 5300 Training (	Company					
CPMG Traini	ing Plant MM - 01					
• 🛱 ROH1 Ra	iw Material					

 $\rightarrow$  Current we have no stock of this in our system.



## 2) As we are doing GR of 10 Box

💀 Goods Receip	t Purchase	e Order - I	NEWMM86											
Show Overview	d Check Po	ost 🕴 🚺 Help	)											
Document Date     11.11       Posting Date     11.11	.2022 .2022	Delivery Note Bill of Lading GR/GI Slip No.		Vi	endor eaderText	Test Ve	ndor for Ven	<u>dor Master</u>						
Line Mat. Short Text			OK Qty in UnE	E	SLoc		Batch	Valuation	М	D Stock Type	Pint	S	Customer	
Ordeing Unit & Base (	init Difference		V 10	BO	Raw Mate	rial			101 -	Unrestrict	<ul> <li>Training Pla</li> </ul>			
														-
													4.1	-
Material Quantity	Where F	Purchase Orde	r Data Partne	er										_
Qty in SKU	500	EA												
Qty in Delivery Note														
Quantity Ordered	10	BOX												
Ttem OK	Line	1 🖾												
		- 2												

#### → Material document 9899000943 posted

3) Now check the Stock again we have the stock of 500 EA

rf 🕀				
Selection				
Material	9600000000	0005002 🗇)rdeing Unit & I	Base unit Difference	e
Material Type	YCPM	Std. Raw Mat. M	MM-CPMG	
Unit of Measure	EA	Base Unit of Me	asure	EA
Stock Overview				
SLUCK OVEIVIEW				
SLOCK OVERVIEW				
SLOCK OVERVIEW				
	Detailed Display		*****	
Client/Company Code	Detailed Display	ation/Batch/Special Stock	Unrestricted use	Qual. inspection R
Client/Company Code	Detailed Display	ation/Batch/Special Stock	Unrestricted use	Qual. inspection R
Client/Company Code • Client/Sompany Code • Client/Company Code • Client/Company Code	Detailed Display e/Plant/Storage Loc	ation/Batch/Special Stock	Unrestricted use 500.000 500.000	Qual. inspection R
Client/Company Code Client/Company Code Client/Company Code Client/Company Code Company Code Code Company Code Code Company Code	Detailed Display e/Plant/Storage Loc ng Company aining Plant MM - 01	ation/Batch/Special Stock	Unrestricted use 500.000 500.000 500.000	Qual. inspection R



→ But as we check the material movement we have the stock of 10 Box as per unit of order set during material master.

Image: A total base       Image: A total bas	Ma	te	ria	l Do	cum	ent Li	ist											
Material     Material Description     Plnt Name 1       SLoc MvT S Mat. Doc. Item Pstng Date     Quantity in UnE EUn       96000000000000000000000000000000000000	M	∢	۲	► I	9	v 📘	4 7	5		) Σ	% ∣	13 /	<u>88</u>					
Material     Material Description     Plnt Name 1       SLoc MvT S Mat. Doc.     Item Pstng Date     Quantity in UnE EUn       96000000000000000000000000000000000000																		
SLoc MvT S Mat. Doc. Item Pstng Date         Quantity in UnE EUn           96000000000000000000000000000000000000	Mate	ria	1		1	Material	Desci	iptio	n				Plnt	Name 1				
96000000000000000000000000000000000000	SLoc	Mv	ΤS	Mat.	Doc	. Item	Pstng	Date	Quai	ntity	in UnE	EUn						
96000000000000000000000000000000000000																		
ROH1 101 9899000943 1 11.11.2022 10 BOX	9600	000	000	00005	002 (	Ordeing	Unit a	; Base	unit	Diffe	rence		CPMG	Training	Plant	MM -	01	
	ROH1	10	1	9899	00094	13 1	11.11.	2022			10	BOX						

