



Project – SUGAM

User Manual

Process Name: Create Material Master
Process Number: 01



DOCUMENT DETAILS

PROJECT NAME	MODULE:	Business Scenario:
SUGAM	MATERIAL MANAGEMENT	Create Material Master
MODULE LEAD – BSPTCL	MODULE LEAD – YASH	PROCESS OWNER -
Sri Aftab Alam	Sri.Ashok Kumar Jhanwar	Sri Amar Kumar Mishra
UNSER MANUAL NUMBER	PROCESS NAME	
01	CREATE MATERIAL MASTER	

AUTHORS & PARTICIPANTS

Role	Name
Core Team Member	Sri D.K.Jha Miss.Rinki Rani Miss.Surbhisuman Sri Bhaskar Prince Sri Prabhat Kumar Sri Arunachal Prasad Chaurasia
Consultant	Sri.Madan Balasaheb Magar
Workshop Participants	

Revision History

Date	Document Version	Document Revision Description	Author	Reviewer
	V0	Draft for review	Madan Magar	Ashok Kumar Jhanwar



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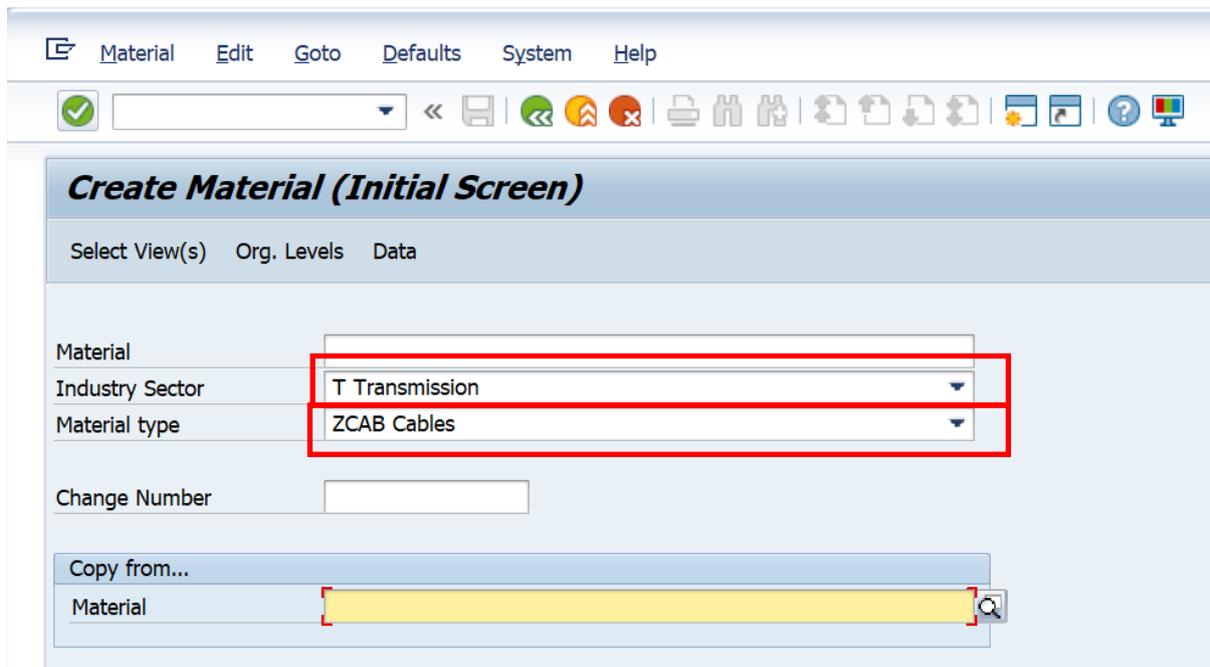
SAP T-code	ME51N
Process	Create Material Master

SAP Easy Access

1. Enter Tcode: MM01



Select proper Industry Type & Material Type.





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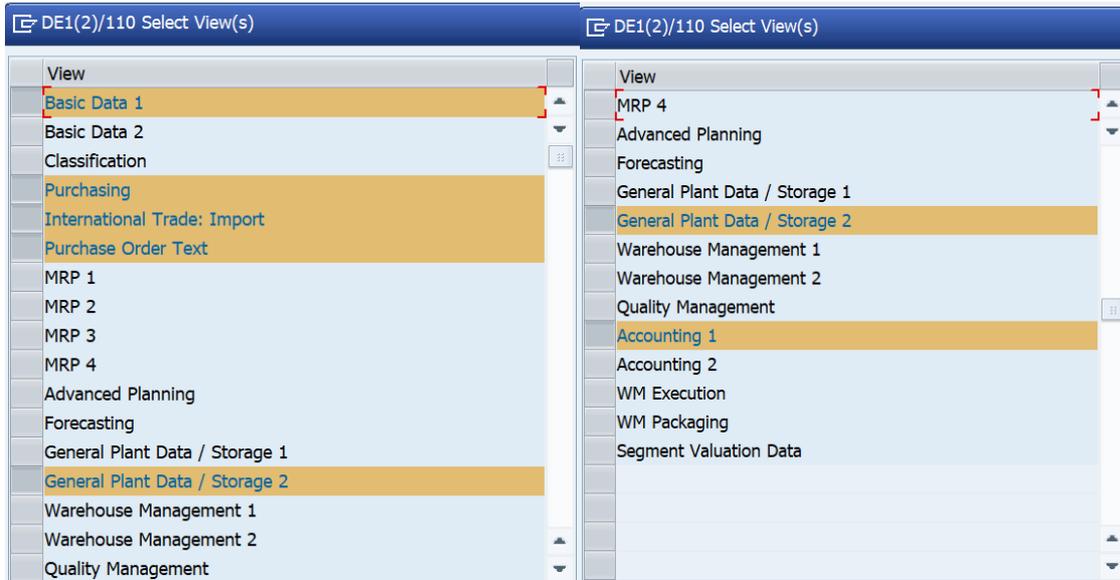
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Select the view which want to maintain & Press Enter.



Enter Plant & storage Location.





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Enter Material Description, Base Unit of measure & Material Group In Basic data 1 Tab.

Material: 1000000081
Descr.: Power cable 4C

General Data

Base Unit of Measure	KM	Material Group	CAB-POWER
Old material number		Ext. Matl Group	
Division		Lab/Office	
Product allocation			
X-Plant Matl Status		Valid from	
Assign effect. vals	<input type="checkbox"/>	GenItemCatGroup	

Material authorization group

Authorization Group

Dimensions/EANs

Gross weight		Weight unit	
Net weight			
Volume		Volume unit	
Size/dimensions			
EAN/UPC		EAN category	



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Enter Control Code

Material: 100000081
Descr.: Power cable 4C
Plant: 1100 Trans Circle Patna

Foreign trade data

Intrastat Group:
CAS number (pharm.):
PRODCOM no.:
Control code: 3111 V

Origin

Country of origin: Region of origin:

Maintain Long Text in Purchase Order text Tab

Material: 100000081
Descr.: Power cable 4C

Purchase order text

Langs maintained: English

Language: English

power cable 4C x 6 sq mm (DNU)
V

* Li 1, Co 31 Ln 1 - Ln 1 of 1 lines



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Enter Profit center in plant data/Storage Location 2 Tab.

Material Edit Goto Environment System Help

Material 100000081 (Cables)

Additional Data Org. Levels Check Screen Data

Plant data / stor. 1 Plant data / stor. 2 Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management

Material	100000081	
Descr.	Power cable 4C	
Plant	1100	Trans Circle Patna
Stor. Loc.	1000	C/S,Fatuha

Weight/volume

Gross weight		Weight unit	
Net weight			
Volume		Volume unit	
Size/dimensions			

General plant parameters

<input type="checkbox"/> Neg. stocks in plant		Log. handling group	
Serial No. Profile		Distr. profile	
Profit Center	106100	Stock determ. group	
<input type="checkbox"/> IUID-Relevant		<input type="checkbox"/> External Allocation of UII	
IUID Type			



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Enter valuation class & Per. unit price in Accounting 1 tab

Material 1000000081
Descr. Power cable 4C
Plant 1100 Trans Circle Patna

Period 012.2018 | Period 011.2018 | Period 012.2017

General Valuation Data

Total Stock	0	Base Unit	KM km
Division		Valuation Cat.	
Valuation Class	3060	<input type="checkbox"/> Valuated Un	
VC: Sale Ord. Stk		<input checked="" type="checkbox"/> ML Act.	Mat. Price Analysis
Project Stock VC		Price Determ.	2 Transaction-Based

Prices and values

Currency	INR
Standard Price	
Per. unit price	10
Price Unit	V
Prc. Ctrl	V
Inventory Value	0.00

Click on save

Material 1000000081

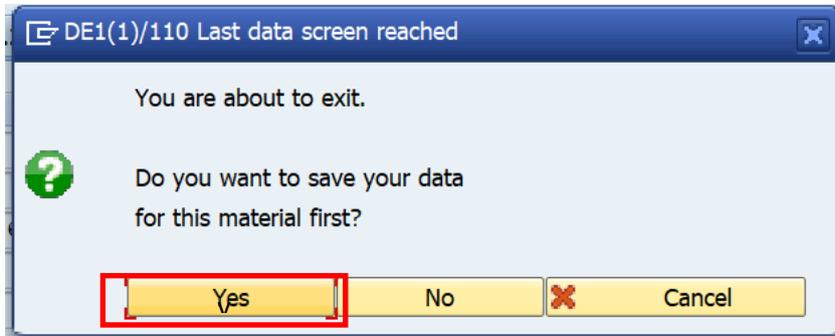


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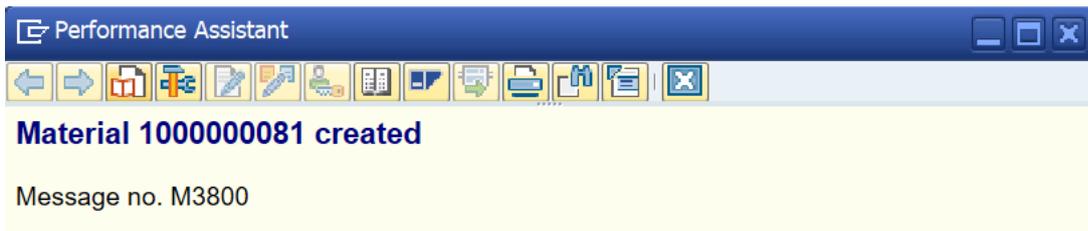
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Click on Yes



Material Created.





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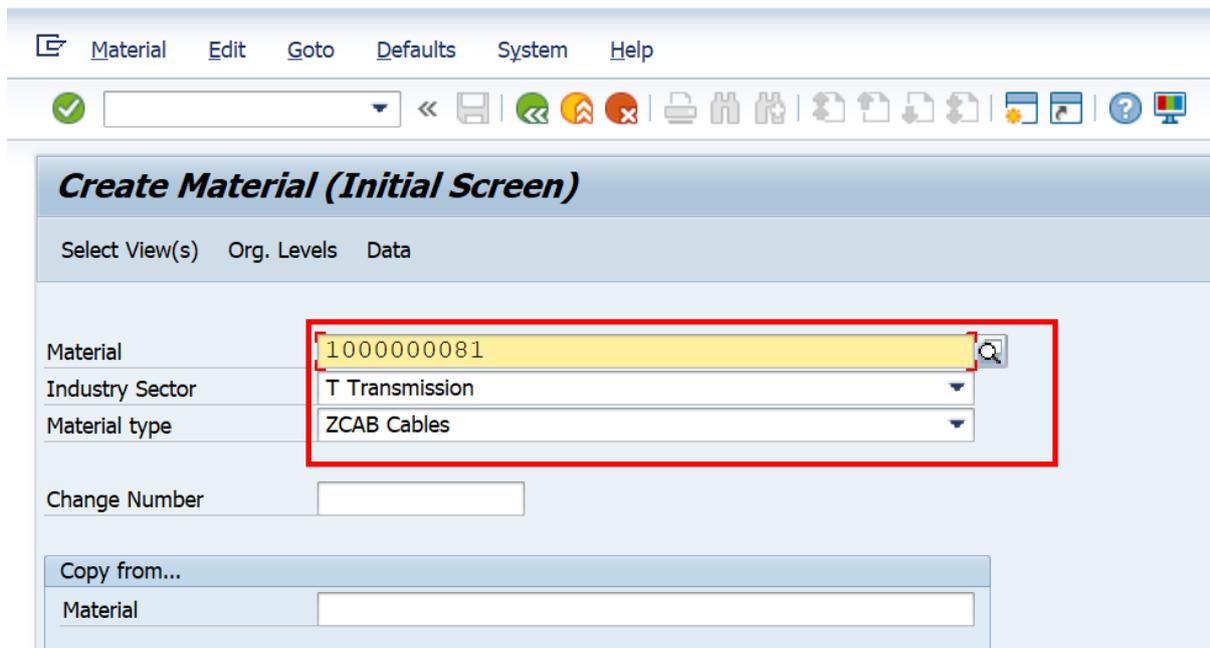
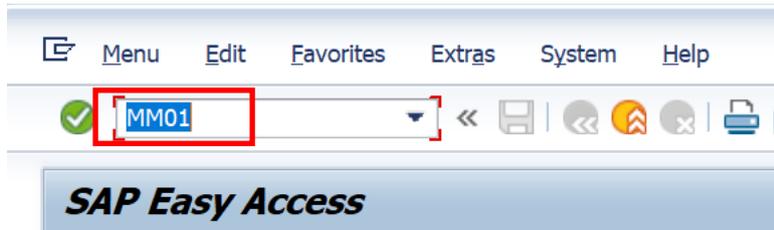
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2. Extend Material Master.

Go to MM01



Select View which want to maintain.



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DE1(1)/110 Select View(s)

View

- Basic Data 1
- Basic Data 2
- Classification
- Purchasing
- International Trade: Import
- Purchase Order Text
- MRP 1
- MRP 2
- MRP 3
- MRP 4
- Advanced Planning
- Forecasting
- General Plant Data / Storage 1
- General Plant Data / Storage 2
- Warehouse Management 1
- Warehouse Management 2
- Quality Management

View selection only on request

Create views selected

DE1(2)/110 Select View(s)

View

- MRP 4
- Advanced Planning
- Forecasting
- General Plant Data / Storage 1
- General Plant Data / Storage 2
- Warehouse Management 1
- Warehouse Management 2
- Quality Management
- Accounting 1
- Accounting 2
- WM Execution
- WM Packaging
- Segment Valuation Data

Enter Plant & Storage location in which want to extend material

DE1(1)/110 Organizational Levels

Organizational levels

Plant	1200	Trans Circle Patna
Stor. Loc.	1000	C/S,Fatuha
Valuation type		

Org. levels/profiles only on request

Select View(s) Default Setting

Enter Control Code



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Material Edit Goto Environment System Help

Material 1000000081 (Cables)

Additional Data Org. Levels Check Screen Data

Purchasing Intl Trade: Import Purchase order text MRP 1 MRP 2 MRP 3 MRP 4 Advan...

Material 1000000081
Descr. Power cable 4C
Plant 1200 Trans Circle Dehri On Sone

Foreign trade data

Intrastat Group
CAS number (pharm.)
PRODCOM no.
Control code 5555

Origin
Country of origin
Region of origin

Enter Profit center

Material Edit Goto Environment System Help

Material 1000000081 (Cables)

Additional Data Org. Levels Check Screen Data

Plant data / stor. 1 Plant data / stor. 2 Warehouse Mgmt 1 Warehouse Mgmt 2 Quality management

Material 1000000081
Descr. Power cable 4C
Plant 1200 Trans Circle Dehri On Sone
Stor. Loc. 1000 C/S,DOS

Weight/volume
Gross weight
Net weight
Volume
Size/dimensions

General plant parameters

Neg. stocks in plant
Serial No. Profile
Profit Center 106200
 IUID-Relevant
IUID Type

Log. handling group
Distr. profile
Stock determ. group
 External Allocation of UII



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Enter Per.unit price in Accounting 1 tab

The screenshot shows the SAP 'Create Material' transaction for material 1000000081, 'Power cable 4C'. The 'Accounting 1' tab is active. In the 'Prices and values' section, the 'Per. unit price' field is highlighted with a red box and contains the value '10.00'. Other fields include 'Total Stock' (0), 'Base Unit' (KM), 'Valuation Class' (3060), 'Currency' (INR), and 'Price Determ.' (Transaction-Based).

Click on save

The screenshot shows the same SAP 'Create Material' transaction, but the 'Save' icon in the toolbar is highlighted with a red box. The 'Per. unit price' field is no longer highlighted.

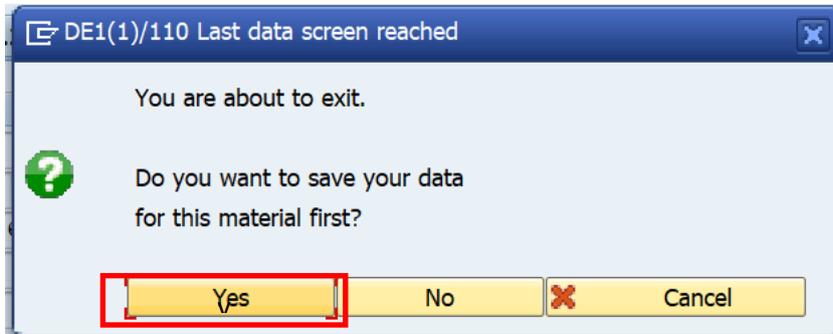


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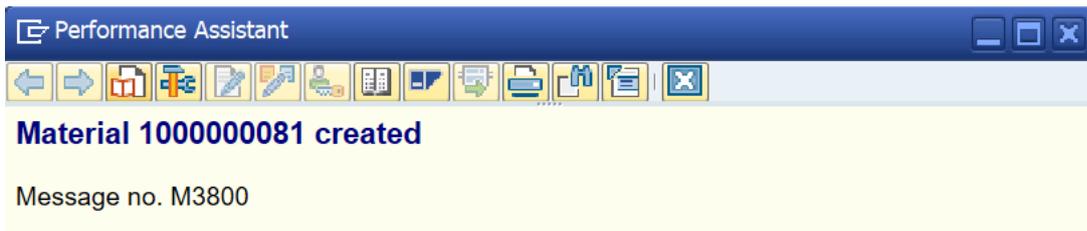
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Click on Yes

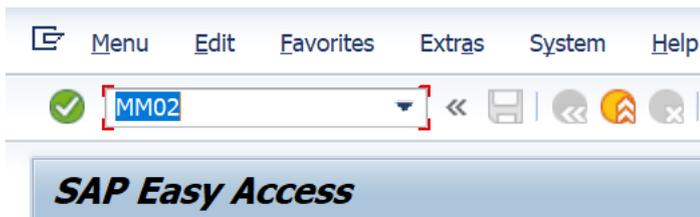


Material Created.



3. Change material Master.

Go to MM02





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Enter material You want to change

Material 1000000081 v

Change Number

Select view.

View

- Basic Data 1
- Basic Data 2
- Purchasing
- International Trade: Import
- Purchase Order Text
- General Plant Data / Storage 1
- General Plant Data / Storage 2
- Accounting 1
- Accounting 2
- Plant Stock
- Storage Location Stock
- WM Execution
- WM Packaging
- Segment Valuation Data

View selection only on request

Org. Levels Data Default Setting

Change Field which want to change by selecting view & click on save

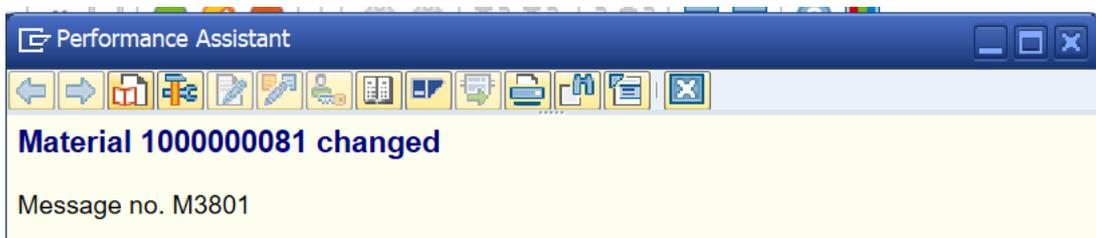
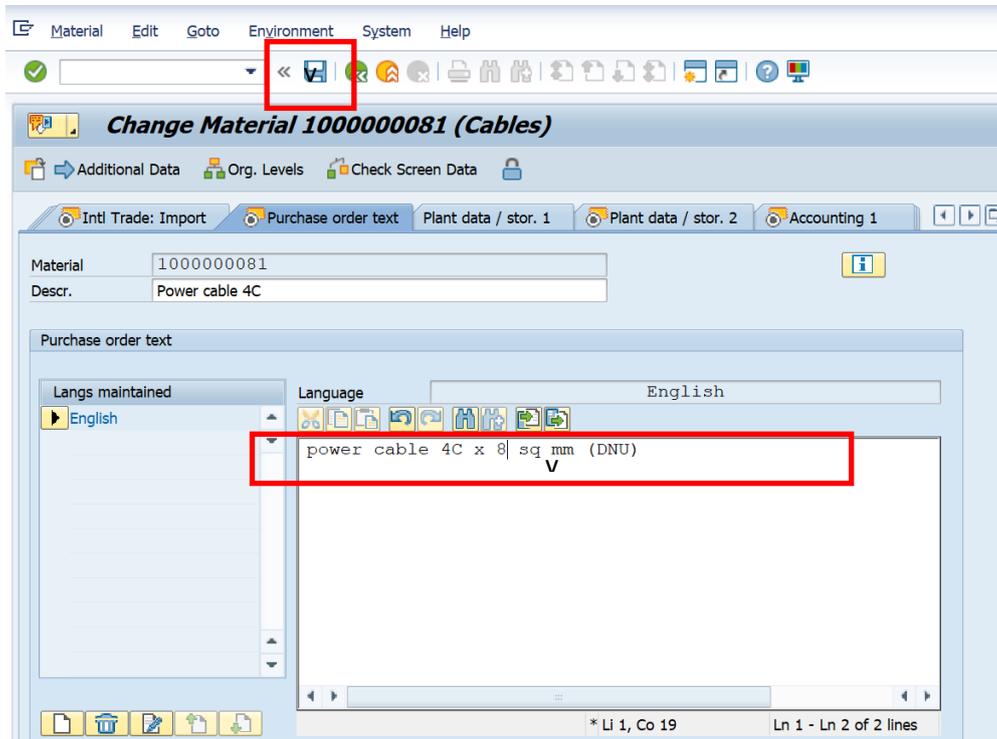


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4. Display material

Go to MM03





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Enter Material

Material 1000000081 v

Select View

View selection only on request

Org. Levels Data Default Setting



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Enter Plant & storage Location

DE1(1)/110 Organizational Levels

Organizational levels

Plant: 1100 Trans Circle Patna

Stor. Loc.: 1000 C/S,Fatuha

Valuation type: []

Org. levels/profiles only on request

Select View(s) Default Setting

& Press Enter.

Material: 1000000081

Descr.: Power cable 4C

General Data

Base Unit of Measure: KM km Material Group: CAB-POWER

Old material number: [] Ext. Matl Group: []

Division: [] Lab/Office: []

Product allocation: []

X-Plant Matl Status: [] Valid from: []

Assign effect. vals: GenItemCatGroup: []

Material authorization group

Authorization Group: []

Dimensions/EANs

Gross weight: 0.000 Weight unit: []

Net weight: 0.000

Volume: 0.000 Volume unit: []

Size/dimensions: []

EAN/UPC: [] EAN category: []



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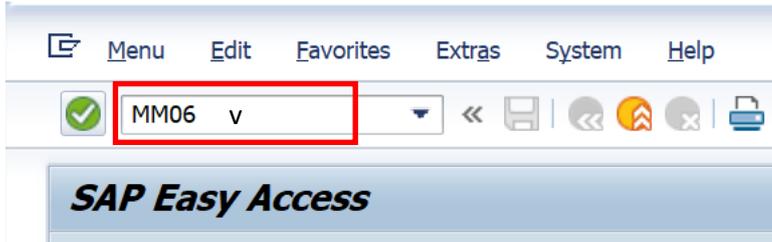
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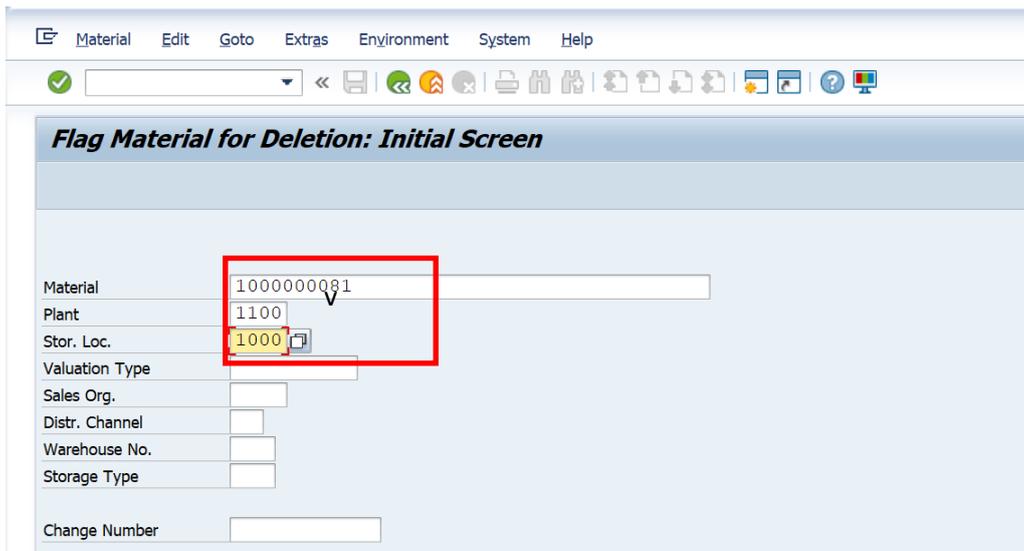


5. Material master Deletion Flag

Go to MM06



Enter Material, Plant & storage Location





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Click on Check box & Save

Material Edit Goto Extras Environment System Help

Flag Material for Deletion: Data Screen

Material Changes

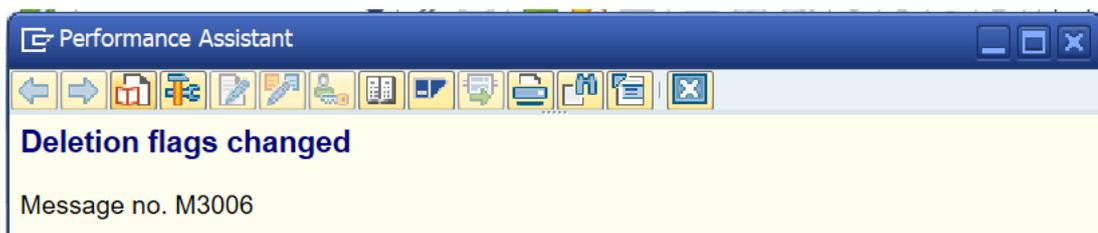
Material 1000000081 Power cable 4C
 Plant

1100 Trans Circle Patna
Storage location
 1000 C/S,Fatuha
Valuation Type

Sales organization/distribution channel
 /

Warehouse Number

Storage Type





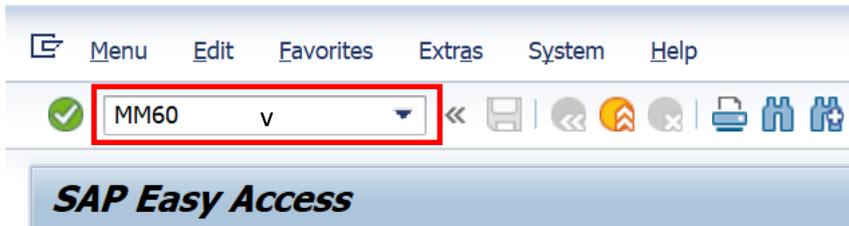
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6. Material Master Report.

Go to MM60



Enter Plant & Material Type or material or Material Group.

Materials List

Database Selections

Material	<input type="text"/>	to	<input type="text"/>	
Plant	<input type="text" value="1100"/>	to	<input type="text"/>	
Material type	<input type="text" value="ZCAB"/>	to	<input type="text"/>	
Material group	<input type="text"/>	to	<input type="text"/>	
Created by	<input type="text"/>	to	<input type="text"/>	

Valuated materials only



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☰ List Edit Goto Views Settings System Help

☑ [Search] [Navigation icons]

Materials List

[Navigation icons]

Material	Plant	Val. Type	Material description	Last Change	MTyp	Material Group	BUn	PGr	ABC	Typ	ValCl	Pr.	Price	Crcy	/	Created by
1000000006	1100		Power cable 2C x 6 Sq MM	02.03.2019	ZCAB	CAB-POWER	KM		ND	3060	V		11,613.86	INR	1	YASH_MM2
1000000008	1100		Power cable 2C x 6 Sq	25.02.2019	ZCAB	CAB-POWER	KM			3060	V		640.00	INR	1	YASH_MM1
1000000011	1100		power cable 4C x 6 sq mm (DNU)	30.01.2019	ZCAB	CAB-POWER	KM			3060	V		0.00	INR	1	YASH_MM2
1000000015	1100		Control Cable	08.01.2019	ZCAB	CAB-CONT	KM			3060	V		0.00	INR	1	YASH_MM2
1000000018	1100		power cable 8C x 4C	04.03.2019	ZCAB	CAB-POWER	KM			3060	V		1,280.00	INR	1	YASH_MM2
1000000019	1100		power cable 8C	04.01.2019	ZCAB	CAB-POWER	KM			3060	V		105.00	INR	1	YASH_MM2
1000000020	1100		power cable 4C	08.01.2019	ZCAB	CAB-POWER	KM			3060	V		1,000.00	INR	1	YASH_MM2
1000000022	1100		Power Cable 4C	10.01.2019	ZCAB	CAB-POWER	KM			3060	V		100.00	INR	1	YASH_MM2
1000000023	1100		Power cable 2C x 6 Sq MM (Batch)	18.01.2019	ZCAB	CAB-POWER	KM			VB	3060	V	1,000.00	INR	1	YASH_MM1
1000000024	1100		control cable	21.01.2019	ZCAB	CAB-CONT	KM	P01	ND	3060	V		61,801.01	INR	1	YASH_MM2
1000000026	1100		power cable 2C	01.02.2019	ZCAB	CAB-POWER	KM			3060	V		1,000.00	INR	1	YASH_MM2
1000000038	1100		MRP-power cable 2C	01.02.2019	ZCAB	CAB-POWER	KM			VB	3060	V	1,000.00	INR	1	YASH_MM2
1000000039	1100		MRP-power cable 4C	18.01.2019	ZCAB	CAB-POWER	KM			VB	3060	V	1,000.00	INR	1	YASH_MM2
1000000040	1100		MRP-power cable 4C		ZCAB	CAB-POWER	KM			VB	3060	V	1,000.00	INR	1	YASH_MM2
1000000041	1100		power cable 2C - Test	06.02.2019	ZCAB	CAB-POWER	KM			VB	3060	V	80,084.69	INR	1	YASH_MM2
1000000043	1100		power cable 2C - Lsmw		ZCAB	CAB-POWER	KM		ND	3060	V		6,247,221.76	INR	1	YASH_MM2
1000000044	1100		BDC-Power cable 6core LSMW2	26.02.2019	ZCAB	CAB-POWER	KM		ND	3060	V		0.00	INR	1	YASH_MM2
1000000045	1100		Power cable 6core LSMW	23.02.2019	ZCAB	CAB-POWER	KM		ND	3060	V		0.01	INR	1	YASH_MM2
1000000047	1100		Test for Profit Center	02.02.2019	ZCAB	CON-CLOTH	NO		ND	3060	V		100.00	INR	1	YASH_MM1
1000000051	1100		QM-Power cable 2C		ZCAB	CAB-POWER	KM		ND	3060	V		0.01	INR	1	YASH_MM2
1000000054	1100		QM-Power cable 2C	06.02.2019	ZCAB	CAB-POWER	KM			3060	V		1,120.00	INR	1	YASH_MM2
1000000058	1100		QM-Power cable 2C		ZCAB	CAB-POWER	KM			3060	V		0.01	INR	1	YASH_MM2
1000000059	1100		QM-Power cable 2C	07.02.2019	ZCAB	CAB-POWER	KM			3060	V		640.00	INR	1	YASH_MM2
1000000060	1100		Power cable 6core LSMW	08.02.2019	ZCAB	CAB-POWER	KM			VB	3060	V	0.01	INR	1	YASH_MM2
1000000063	1100		Power cable 6core LSMW	08.02.2019	ZCAB	CAB-POWER	KM		ND	3060	V		0.01	INR	1	YASH_MM2
1000000067	1100		QM-Power cable 2C		ZCAB	CAB-POWER	KM			3060	V		0.01	INR	1	YASH_MM2