



# 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

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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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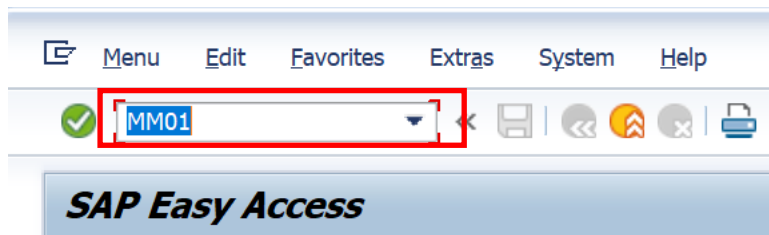
Process Name: Create Material Master  
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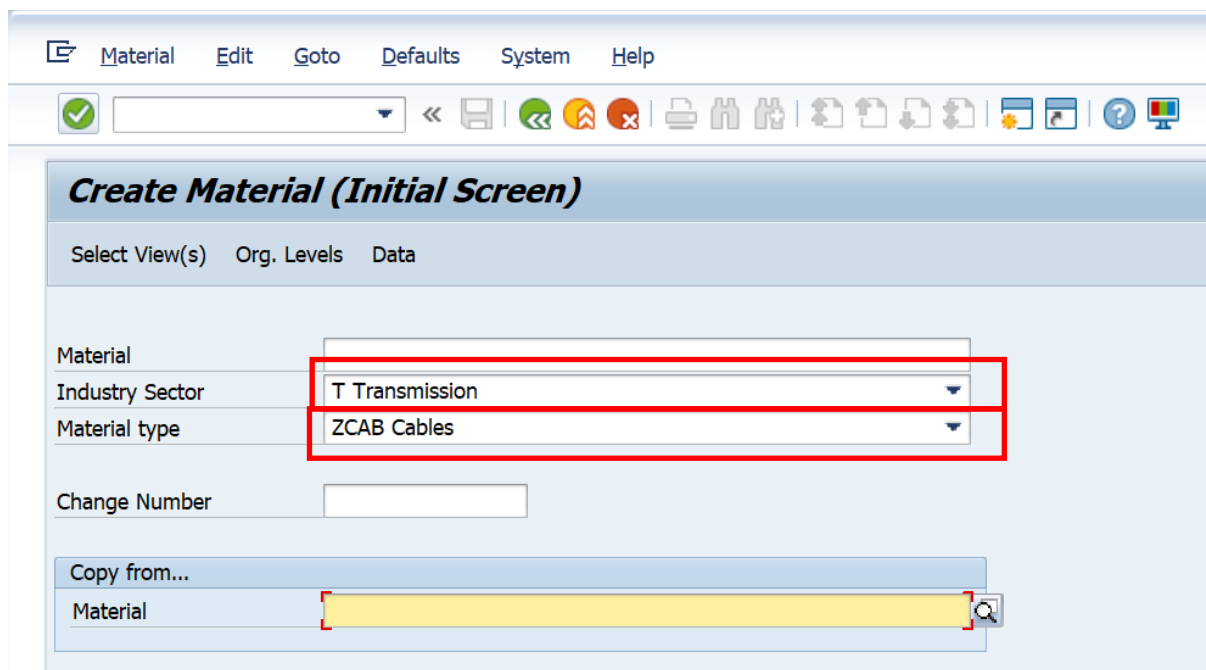
SAP T-code	ME51N
Process	Create Material Master

### SAP Easy Access

#### 1. Enter Tcode: MM01



Select proper Industry Type & Material Type.





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Select the view which want to maintain & Press Enter.

DE1(2)/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

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.

DE1(1)/110 Organizational Levels

Organizational levels

Plant	1100	Trans Circle Patna
Stor. Loc.	1000	C/S,Fatuha

Profiles

MRP profile

☐ Org. levels/profiles only on request

Select View(s) Default Setting



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

Material Edit Goto Environment System Help

✓ [Dropdown] [Icons]

### Create Material 1000000081 (Cables)

Additional Data Org. Levels Check Screen Data [Lock]

Basic data 1 Basic data 2 Classification Purchasing Intl Trade: Import Purchase order text

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		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: 1000000081  
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: 1000000081  
Descr.: Power cable 4C

Purchase order text

Language: English

power cable 4C x 6 sq mm (DNU)

\* 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

✓ [Dropdown] << [Icons]

### Create Material 1000000081 (Cables)

Additional Data Org. Levels Check Screen Data [Lock]

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

Material	1000000081			[Info]
Descr.	Power cable 4C			
Plant	1100	Trans Circle Patna		
Stor. Loc.	1000	C/S,Fatuha		

Weight/volume

Gross weight	[Field]	Weight unit	[Field]
Net weight	[Field]		
Volume	[Field]	Volume unit	[Field]
Size/dimensions	[Field]		

General plant parameters

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



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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 Determin.	2 Transaction-Based

Prices and values

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

Click on save

Material 1000000081



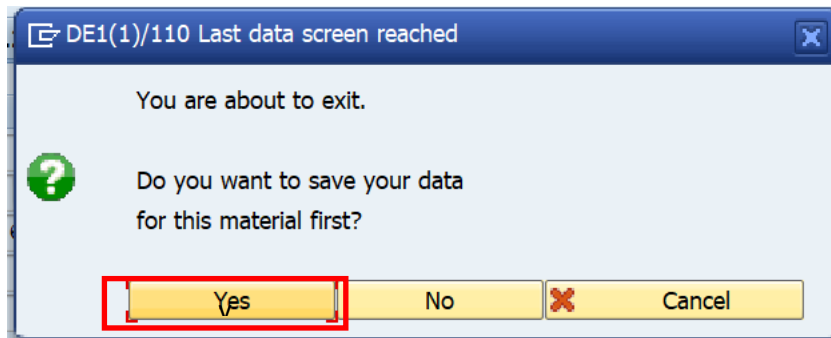
# Project – SUGAM

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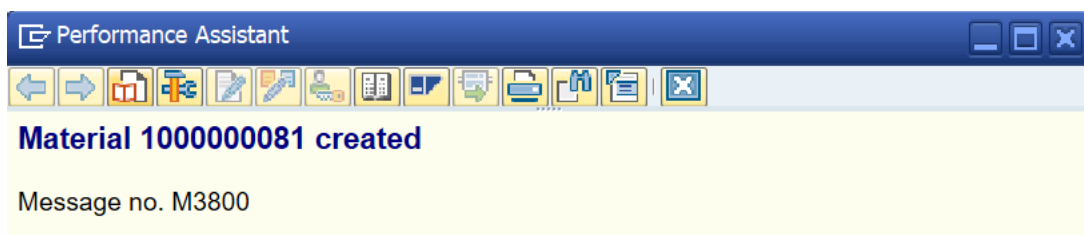
Process Name: Create Material Master  
Process Number: 01



Click on Yes



Material Created.







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## 2. Extend Material Master.

Go to MM01



**Create Material (Initial Screen)**

Select View(s) Org. Levels Data

Material	1000000081
Industry Sector	T Transmission
Material type	ZCAB Cables

Change Number

Copy from...

Material	<input type="text"/>
----------	----------------------

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 Weight unit  
Net weight  
Volume Volume unit  
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

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

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 Determin.	2 Transaction-Based

Prices and values

Currency: INR  
Company code currency

Standard Price  
Per. unit price: 101.00  
Price Unit  
Prc. Ctrl: V  
Inventory Value: 0.00

Click on save

Material: 1000000081



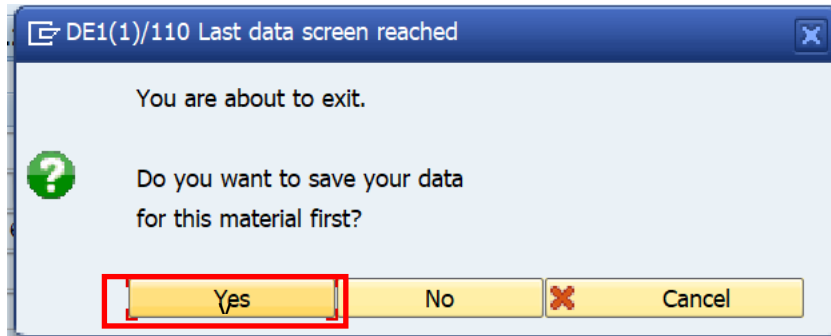
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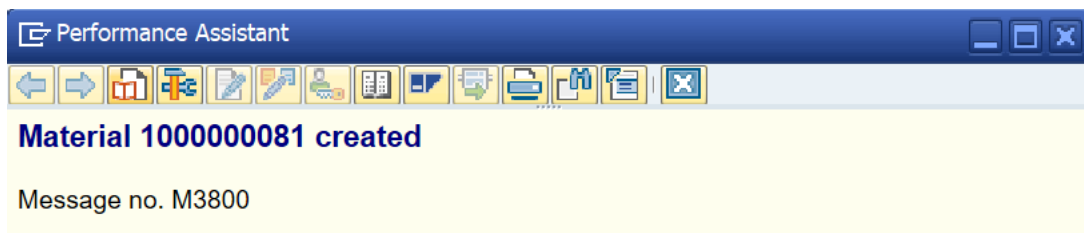
Process Name: Create Material Master  
Process Number: 01



Click on Yes

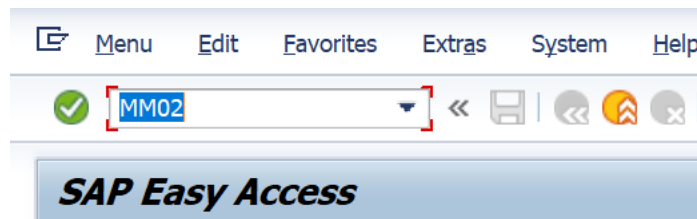


Material Created.



### 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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Material: 1000000081  
Descr.: Power cable 4C

Purchase order text

Language: English

power cable 4C x 8 sq mm (DNU)  
V

Performance Assistant

Material 1000000081 changed

Message no. M3801

#### 4. Display material

Go to MM03

Menu: MM03

SAP Easy Access



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Process Name: Create Material Master  
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Enter Material

Material 10000000081 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 Edit Goto Environment System Help

Display Material 1000000081 (Cables)

Additional Data Org. Levels

Basic data 1 Basic data 2 Purchasing Intl Trade: Import Purchase order text Plant data / stor. 1

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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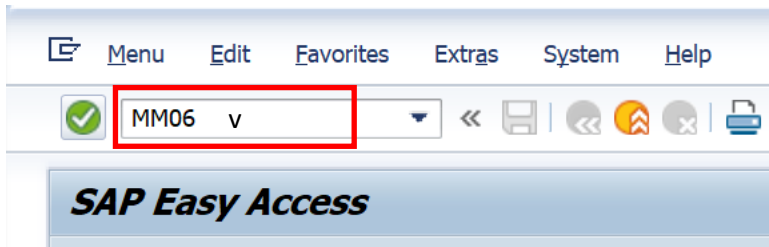
## User Manual

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Process Number: 01

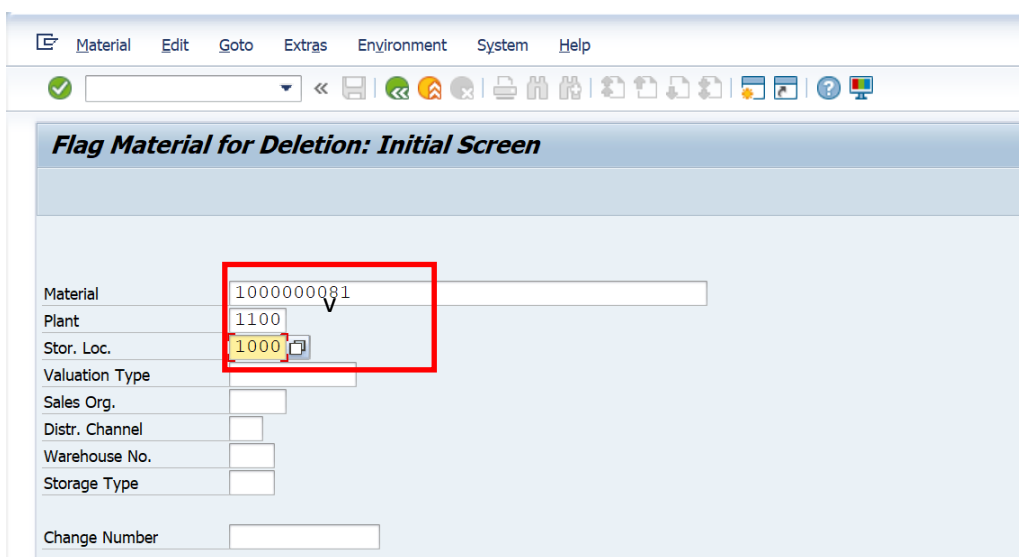


### 5. Material master Deletion Flag

Go to MM06



Enter Material, Plant & storage Location





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Click on Check box & Save

**Flag Material for Deletion: Data Screen**

☒ Material ☐ Plant

1000000081 Power cable 4C

☐ 1100 Trans Circle Patna

Storage location

☐ 1000 C/S,Fatuha

Valuation Type

☐

Sales organization/distribution channel

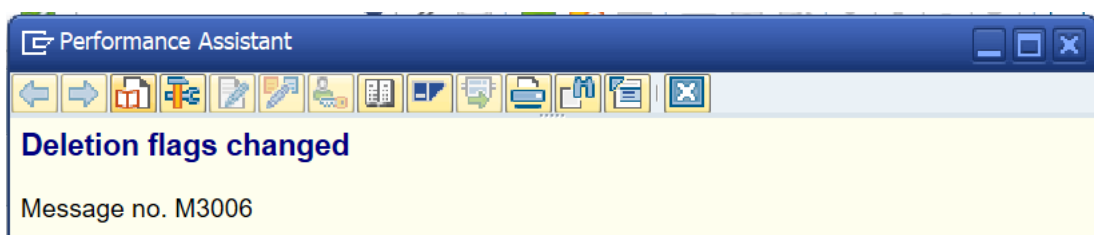
☐ / ☐

Warehouse Number

☐

Storage Type

☐





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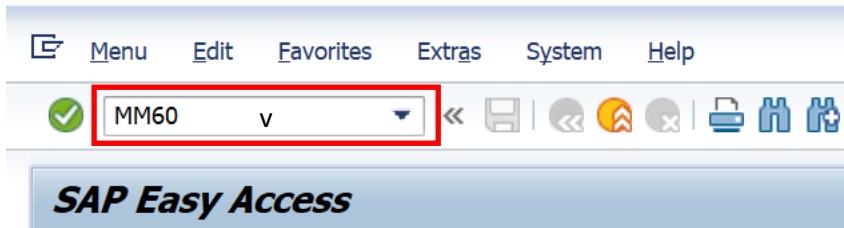
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### 6. Material Master Report.

Go to MM60



Enter Plant & Material Type or material or Material Group.

**Materials List**

Database Selections

Material		to		
Plant	1100	to		
Material type	ZCAB	to		
Material group		to		
Created by		to		

☒ Valuated materials only



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List

Edit

Goto

Views

Settings

System

Help

</